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ESTABLISHED 1878

1899

RECEIVED
INCORPORATED 1897

SPECIAL PRICE LIST

... OF ...

JOS. F. DICKMANN

SEED COMPANY'S

GARDEN,
FIELD and
FLOWER...

SEEDS

TRUE TO NAME AND FRESH

Implements, Fertilizers

... AND ...

POULTRY SUPPLIES OF ALL KINDS

at Reasonable Prices

Nos. 1110 and 1112 North Third Street

ST. LOUIS, Mo.



FINEST

Flower Seeds and Bulbs For Florists.....

Reliable
Vegetable Seeds for
Market Gardeners.

at Reasonable Prices.

Yours truly, JOS. F. DICKMANN SEED CO.

The Best Seed Grain for
the Farmer.



Interior View of Salesroom, 1110 North Third Street.

The Best and Purest
Lawn Seeds.

Warehouse: 1112 North Third Street,

ST. LOUIS, MO.

SPECIAL

... PRICE LIST FOR 1899 ...

OF

HIGH CLASS SEEDS

... OF ALL KINDS ...

ALL SEEDS in this List can be had in **5-cent** packages, and will be mailed **free** to any address in the United States or Canada in packages **only**. For all Seeds by the ounce, pound or bushel, the freight, express or mailing must be paid by the purchaser. We will make low prices on large quantities For a more Descriptive and Illustrated Catalogue, send 10 cents in stamps, which can be deducted from a \$1.00 order

JOS. F. DICKMANN
SEED COMPANY.

ST. LOUIS, January, 1899.



Alle Aufträge in deutscher Sprache erhalten dieselbe
pünktliche Aufmerksamkeit wie die in englischer Sprache,
denn hier wird auch Deutsch gesprochen.

VEGETABLE SEEDS.

: = : = : = :

Fresh and True to Name. Crop 1898.

: = : = : = :

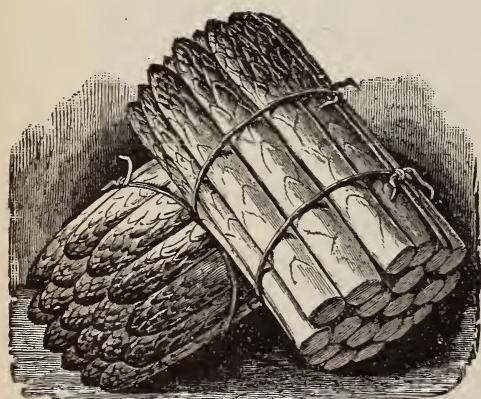
The prices quoted are those ruling this month, January, 1899. Fluctuations may be expected, as the season advances many articles are short and scarce.

Jos. F. Dickmann Seed Company give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants they send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

All seeds in this List can be had in 5-cent packages.

We sell one-quarter pound at one pound rates.

ASPARAGUS. Spargel.



PALMETTO ASPARAGUS.

	Oz.	Lb.
COLOSSAL. The most approved and standard sort.....	10	\$0 35
PALMETTO. Of Southern origin, a very desirable Asparagus.....	10	50
COLUMBIAN MAMMOTH		
WHITE. A variety producing large white shoots.....	10	60
ARTICHOKE. Large green globe..	15	1 90

For Roots see Page 47.

BRUSSELS SPROUTS. Sprossen-Kohl.

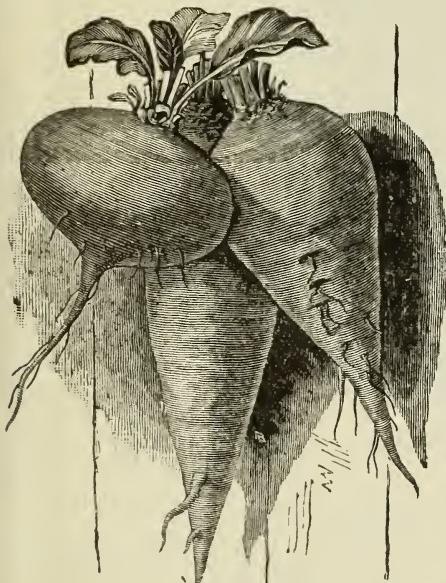
Oz. Lb.

Best French or Roseberry, very fine.....	20	\$1 60
Improved Half Long, the very best strain.....	20	1 25

BROCCOLI. Spargelkohl.

Oz. Lb.

Early Purple Cape, the best for this climate.....	25	\$2 25
Early White Cape, with large close heads.....	30	3 00



VARIOUS BEETS.

BEETS. Salatrüben.

Oz. Lb.

Extra Early Flat Egyptian.....	10	\$0 45
Extra Early Crosby	15	50
Edmund's Blood Turnip.....	10	45
Eclipse	10	45
Bastian's Blood Turnip.....	10	45
Long Smooth Blood Red	10	45
Swiss Chard.....	10	45

SUGAR BEETS AND MANGELS.**Mangel Wurzel oder Runkel Rüben.**

Oz. Lb.

Mammoth Long Red, very large strain	10	35
Norbiton Giant, very fine large sort	10	35
Golden Tankard, yellow, very productive.....	10	35
Yellow Globe, a good keeper	10	35
Improved White Sugar, extra fine	10	35
Vilm White Sugar, a French sort	10	35

DWARF OR BUSH BEANS. Bushbohnen.

Green Podded Sort.

The Bean Crop has been very short in 1898, especially on

Green Podded Sorts.



HOPKINS' IMPROVED RED VALENTINE.

All our Beans are Eastern and Canadian Grown. There is no better Stock in this or any other Market.

	Qt.	Gal.	Bush.
Hopkins' Improved Round Pod Extra Early Valentine. This is the best all-round Valentine in the market.	25	90	\$6 00
Round Pod Valentine	20	75	5 00
Early Mohawk, large flat	20	65	4 00
Extra Early Yellow Long Six Weeks	20	65	4 00
Best of All, a favorite in the South	20	65	5 00
New Extra Early Refugee, or, "1000 to 1,"	20	75	5 00
New White Valentine	20	75	5 50
New Stringless, green round pod, the coming market garden bean	35	\$1 00	7 00
White Marrow, a good string or shell bean	20	65	3 50
White Navy, (everybody knows them)	15	50	2 75
Prolific Tree, larger than Navy	20	60	4 00

WAX PODDED BEANS. Wachs Bohnen.



The Best Wax Bean for the Market Gardener.

	Qt.	Gal.	Bush.
Wardwell's Kidney Wax	20	90	\$6 00
Yosemite Wax, large.....	25	90	6 50
Speckled Wax, very fine.....	20	75	5 00
Golden Eyed Wax	20	65	4 50
German Black Wax	20	65	5 00
Davis Kidney Wax	20	90	6 00
White Kidney Wax	20	65	4 75
New Prolific Black Wax.....	20	65	4 75
Improved Golden Wax, a standard sort	20	65	4 50
New Improved Rust Proof Wax.....	25	90	6 50

POLE BEANS. Stangen Bohnen.

	Qt.	Gal.	Bush.
Lazy Wives, old standard sort.....	20	\$0 75	\$5 00
Greaseback, or Fat Horse	20	65	4 50
Scarlet Runner, fine red flowers	25	90	6 00
Dutch Case Knife	20	75	5 00
Horticulture Cranberry.....	20	75	5 00
White Cornfield, the best corn bean.....	25	90	6 00
Speckled Cut Short Corn Bean.....	25	90	6 00
Kentucky Wonder, or Old Homestead	20	75	5 50
French Asparagus, or Yard Long.....	per lb., 35c. 75 2 50		



POLE LIMA BEANS.

Stangen Bohnen.

	Qt.	Gal.	Bush.
Extra Large Lima	20	75	\$5 50
King of the Garden.....	20	70	5 00
Extra Early Jersey	20	75	5 50
Small White, or Sieva.....	20	75	5 00



HENDERSON'S NEW BUSH LIMA BEAN.

BUSH LIMA BEANS.

Bush= oder Niedrige Butter=Bohnen.

	Qt.	Gal.	Bush.
Henderson's Bush Lima ..	20	75	\$5 00
Burpee's Bush Lima.....	20	90	6 50
Thorburn's Dwarf Lima ..	20	90	6 50

ENGLISH DWARF BEANS.

Große Bohnen.

	Qt.	Gal.	Bush.
Broad Windsor.....	20	75	\$5 00
Sword Long Pod.....	20	75	5 00

DICKMANN'S RELIABLE

CABBAGE SEED.

Kraut Samen.

	Oz.	Lb.
Select Early Jersey Wake- field	15	\$1 75
Charleston Wakefield	15	1 75
Early Summer, a fine sort..	15	1 75
Early Brunswick.....	15	1 75
Early Dwarf Flat Dutch ..	20	1 85
Early Eclipse	20	1 85
Lupton, or Improved Van- dergaw	20	2 00



EARLY JERSEY WAKEFIELD CABBAGE.

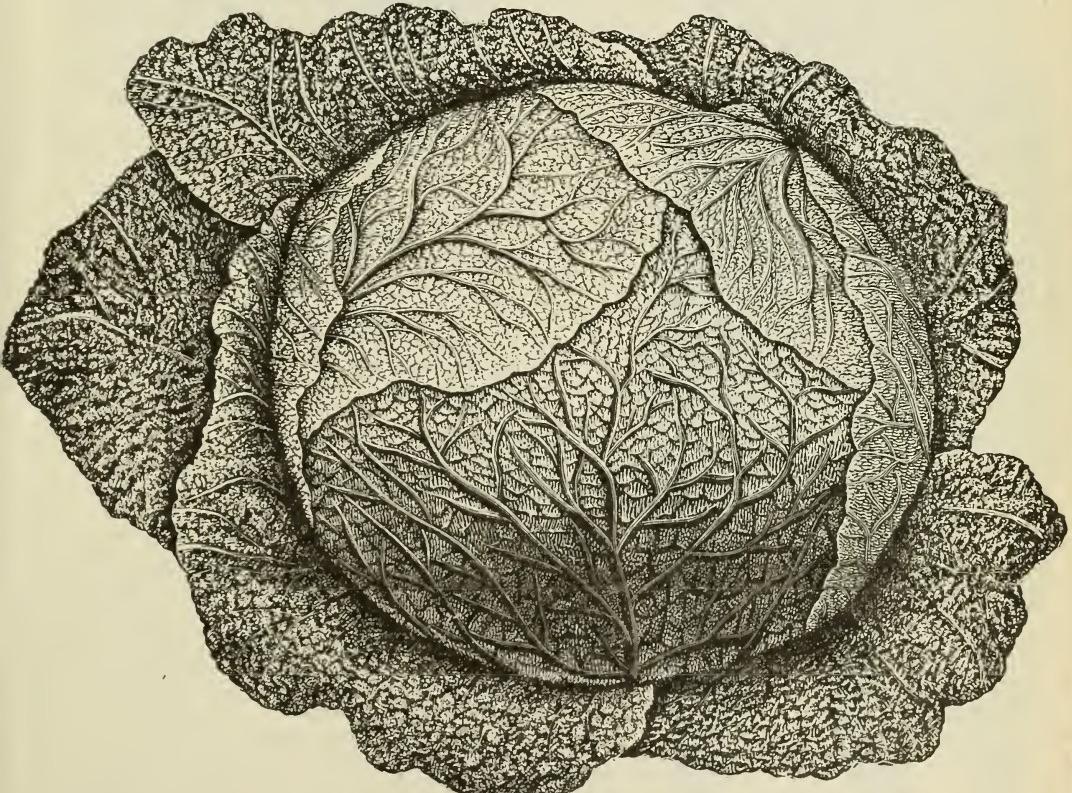
CABBAGE—Continued.

	Oz.	Lb.
Dickmann's Giant Summer, the best summer cabbage	20	\$2 75
All Season.....	15	1 75
Premium Late Drumhead	20	1 85
Premium Late Flat Dutch	15	1 75
Succession (Hender- son's)	15	1 75
Sure Head (Burpee's)	15	1 75
Luxemburg.....	20	2 00
Hollander, or Danish	20	2 25
Late St. Louis Market, the very best for late....	40	4 00

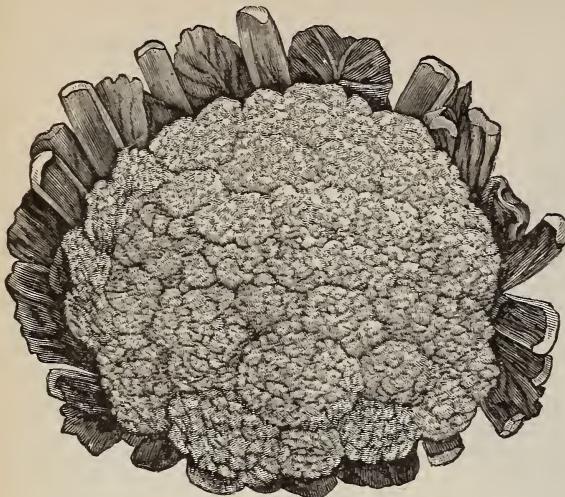
Red Cabbage. Roth Kraut.

Red Dutch.....	15	\$1 75
Early Blood-Red Erfurt..	15	1 75
Mammoth Rock Red.....	20	2 50

DICKMANN'S GIANT SUMMER CABBAGE.



AMERICAN DRUMHEAD SAVOY.	Oz.	Lb.
The largest heading Savoy; of excellent flavor, and a general favorite with market gardeners and truckers.....	30	\$3 25
Early Dwarf Ulm Savoy	15	1 75
Netted Savoy.....	15	1 75



ERFURT EARLIEST DWARF CAULIFLOWER.

CAULIFLOWER.

Blumenfohl.

	Oz.	Lb.
Erfurt Earliest Dwarf	\$5 00	\$50 00
Extra Early Dwarf Erfurt..	2 50	30 00
Extra Early Paris.....	75	7 00
Extra Early Snowball	2 50	25 00
Large Select Danish.....	2 50	25 00
Large Late Algiers.....	75	7 00

We sell One-fourth Pound at Pound Rates.

COLLARDS.

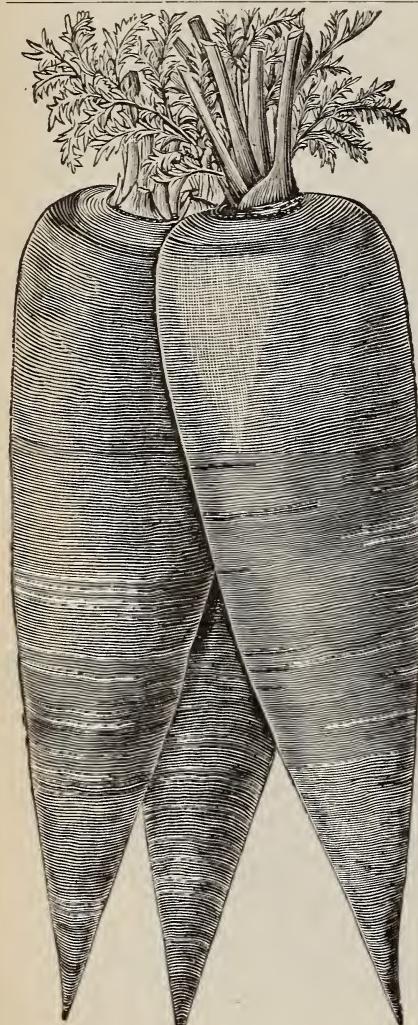
Blätterfohl.

	Oz.	Lb.
True Georgia, the leading sort	15	\$1 75

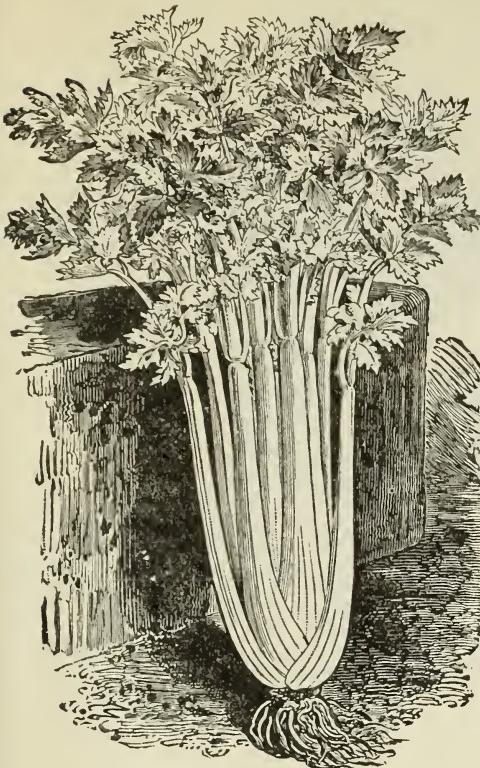
CARROTS.

Gelbe Rüben.

	Oz.	Lb.
Extra Early Forcing.....	10	\$0 65
Early Half Long, stump rooted.....	10	55
Early Half Long Scarlet, pointed.....	10	60
Oxheart, or Guerande.....	10	60
Danver Half Long	10	60
Market Gardeners' Best Strain	10	75
Long Orange Improved	10	65
Chantenay, or Model.....	10	60
Half Long Rubicon	10	65
Victoria, good for stock.....	10	60
White Belgian.....	10	65



MARKET GARDENER'S CARROT.



GOLDEN SELF-BLANCHING CELERY.

CELERY. Sellerie.

	Oz.	Lb.
White Plume	20	\$1 75
Pink Plume (New)	20	2 00
Kalamazoo.....	20	1 75
Golden Self-Blanching	20	1 75
New Giant Pascal.....	20	1 85
Boston Market.....	20	1 75
Heartwell's Perfection	20	1 75
Dwarf Golden Heart	15	1 75
Flavoring Celery.....	10	45

We sell One-fourth Pound at Pound Rates.

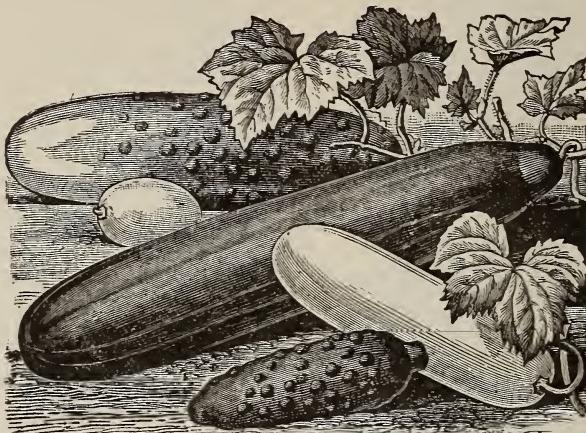
CELERIAC. Knollen Sellerie.

	Oz.	Lb.
Giant Prague, the largest of all.....	15	\$1 50
Large Erfurt, smooth and fine flavor	15	1 40
Apple Shaped, smaller than the other sort.....	15	1 40
Large Improved Paris, a new imported kind	25	2 00

SUGAR CORN. Zucker Korn.

If to be sent by mail, 15 cents per Quart for Postage must be added.

	Gal.	Bush.
Country Gentlemen	45	\$2 00
Early Cory	45	2 00
Crosby's Extra Early.....	45	2 00
Early Minnesota.....	45	1 75
Perry's Hybrid	45	1 75
Clark's None-Such	45	1 75
Stowell's Evergreen	40	1 75
Late Mammoth.....	45	1 75
Extra Early Mammoth	50	1 90
Shakers' Early	45	1 75
Ballard's Early	45	1 75

CUCUMBER. Gurken.

	Oz.	Lb.
Evergreen White Spine	10	\$0 50
Improved White Spine	10	50
Arlington White Spine	10	50
Long Green	10	50
Extra Early Russian	10	60
Early Frame	10	60
Tailby's Hybrid, the best for pickles	10	65
St. Louis Pickle, very fine for pickles	10	50
New Giant of Pera, a very large sort	10	55
Boston Pickling, an old standard sort	10	50
West India Gherkins, very small	10	75
Japanese Climbing, fine for trellis	20	1 50

FORCING CUCUMBERS. Treib Gurken.

	Pkt.	Oz.
General Grant, American grown	10	\$1 00
Giant of Armstadt, imported	10	1 00
Glory of Erfurt, a favorite sort	10	1 00
Swan Neck, very large sort	10	1 00

CARDOON. Karroon.

	Oz.	Lb.
Large Solid, the best kind	20	\$2 75

CHERVIL. Besenlauch.

	Oz.	Lb.
Curled	15	\$1 75

CHICORY. *Chicorienwurzel.*

	Oz.	Lb.
Large Rooted, the best for this climate.....	20	\$2 75



CORN SALAD OR FETITICUS.

CORN SALAD. *Feldsalat.*

	Oz.	Lb.
Large Leaved.....	10	\$0 50
Small Leaved.....	10	50



TRUE WATER CRESS.

CRESS. *Kresse.*

	Oz.	Lb.
True Water.....	25	\$3 00
New Upland.....	20	2 75
Common, or Peppergrass.....	10	50

DANDELION. *Löwenzahn.*

	Oz.	Lb.
Improved Large Leaved	15	\$0 75
French Garden, the very finest..	25	3 00



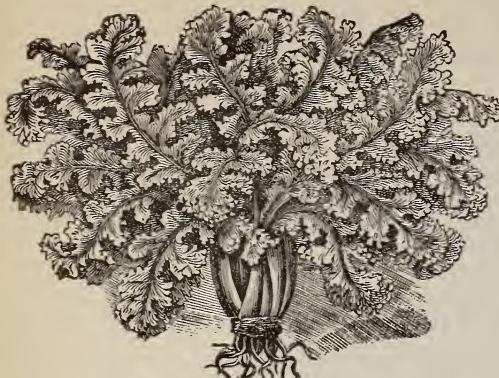
IMPROVED NEW YORK PURPLE.

EGG PLANT. *Eierpflanze.*

	Oz.	Lb.
New York Improved	20	\$2 75
Black Pekin	20	2 75
Early Long Purple	20	2 50

ENDIVE. *Endivien.*

	Oz.	Lb.
Green Curled Summer.....	15	\$1 50
Green Curled Winter.....	15	1 50
Broad Leaved Escarolle.....	20	1 75
Self Blanching (New).....	25	2 50



IMPROVED SIBERIAN KALE.

KALE OR BOREKOLE.

Blätterkohl oder Krauskohl.

	Oz.	Lb.
Predeck's Winter	10	\$0 40
Improved Siberian	10	50
Dwarf German Greens	10	50
Dwarf Green Scotch	10	60
Tall Green, Imported from Ger- many	15	75

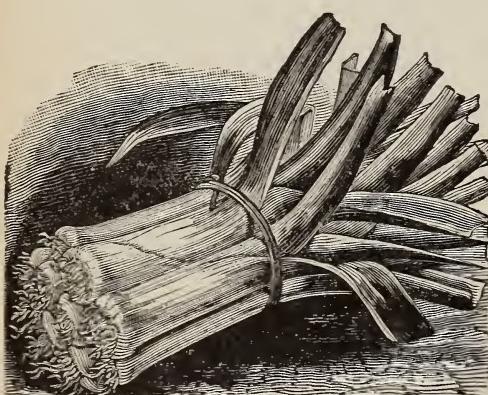
KOHLRABI.

Kohl-Rabi.

	Oz.	Lb.
Earliest White Erfurt	20	\$2 25
Early White Vienna	20	1 75
Early Purple Vienna	20	2 50
Green Large, good for late	15	2 25



WHITE VIENNA KOHLRABI.



LARGE AMERICAN FLAG.

LEEK.

Poree oder Lauch.

	Oz.	Lb.
Large American Flag	15	\$2 00
Broad Leaved	15	1 75
Large Musselburg	20	2 25
Large Carantan	20	2 25

LETTUCE. Lattich oder Salat.

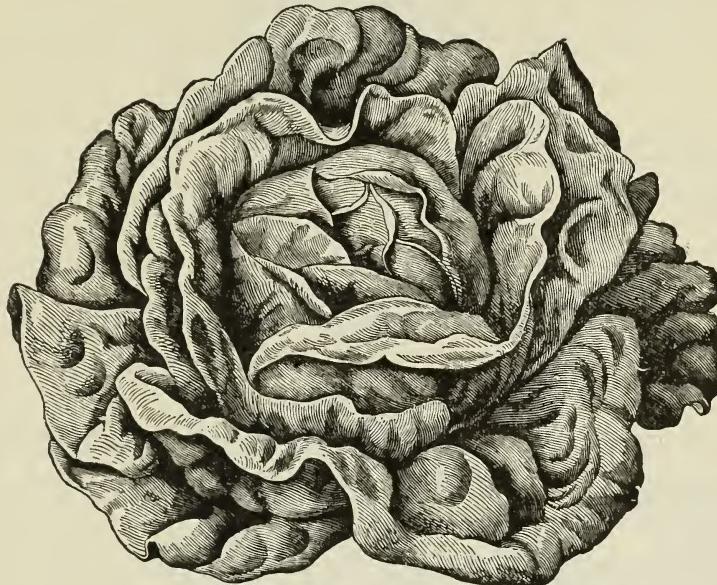
Curled Varieties. Krause Sorten.

	Oz.	Lb.
Simpson's Early, very curled, white seed	10	\$1 00
Black Seeded Simpson, black seed	10	1 00
Early Curled Silesia, white seed	10	1 00
Boston Curled, white seed	10	1 00
Grand Rapids Forcing, black seed	10	1 25

LETTUCE—Continued.

JOS. F. DICKMANN'S ST. LOUIS MARKET LETTUCE

is one of the best for all purposes. It can not be recommended too highly. Good for forcing and out of doors. A solid heading sort. Will not grow into seed as quick as other Lettuce. Will stand the heat better through the hot Summer months. There is a good deal of St. Louis Market Lettuce sold by other Seedmen, BUT NOT THIS ORIGINAL STRAIN. No gardener can afford to be without this,



JOS. F. DICKMANN'S ST. LOUIS MARKET LETTUCE.

THE BEST OF ALL LETTUCES,

not only sold under that name, but the genuine stock. A small trial will convince you.

Here is an Unsolicited Letter from one of our Leading Gardeners.

Mr. Jos. F. Dickmann, City.

St. Louis, Mo., May 31, 1895.

DEAR SIR—I have sold the first St. Louis Market Lettuce raised from the seed I bought of you. It turned out fine. I am satisfied that none can be bought in St. Louis, or anywhere else, that would surpass it in quality. I therefore recommend it to all gardeners as the genuine St. Louis Market Lettuce.

Most Respectfully,

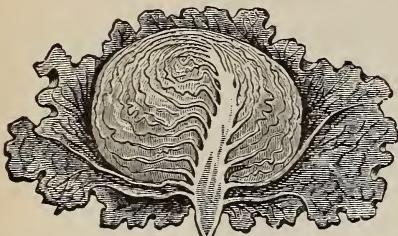
JOHN B. WUEBBOLD.

	OZ.	Lb.
Jos. F. Dickmann's St. Louis Market Lettuce, W. S.	15	\$1 50
Early White Butter, W. S.	10	1 25
Big Boston, new, W. S.	15	1 25
St. Louis Forcing, B. S.	15	1 25
Royal Butter, new, W. S.	15	1 25
Buttercup, W. S.	15	1 25
Dickmann's Private Stock, B. S.	15	1 50
Mammoth Butter, B. S.	20	1 60
Early Tennis Ball, W. S.	10	1 00
Yellow Seeded Butter, Y. S.	10	1 00
Brown Dutch, B. S.	15	1 25
Hardy Green Winter, W. S.	15	1 25

The very best for the Market Gardener.

The very best for the Private Garden.

LETTUCE—Continued.



Oz. Lb.
Hanson's very hard head..... 15 \$1 25

COS OR ROMAINE LETTUCE.

Early White Self Folding.....	15	1 25
Paris White Cos.....	15	1 25
Trianon	15	1 25

GENUINE HARD HEADING HANSON LETTUCE

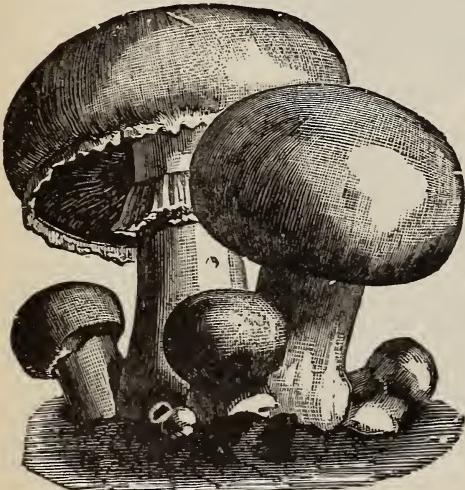
MUSTARD. Senf.

	Oz.	Lb.
Giant Curled, the best for early	10	\$0 50
Chinese Curled, or Southern, very fine	10	50
White English, for Pickling.....	10	40
Common, home grown	10	35

MARTINIA. Gemsenhorn.

	Oz.	Lb.
Proboscidea	15	\$1 75

MUSHROOM SPAWN. Champignonbrut.



MUSHROOM.

CULTURE.—Mushrooms may be grown in cellars, under benches of green houses, or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse dung, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day, to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired, are the proper proportions for a bed, but the same may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of two inches and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given that it be at a temperature of about 100 degrees.

From experience with French and English Spawn, we find there is an important difference between them. If the manure in the bed is in proper condition the French Spawn will take hold and grow fully as well as the English, but if the bed is not in the right state it will often rot. The English Spawn, on the contrary, after starting a little, will remain in a comparatively dormant state for a long time without losing its vitality. It is well to keep these points in mind in ordering Spawn.

English	Lb. 100 lbs.
French.....	15 \$10 00
	per lb., 40c; 3-lb. box, \$1.10

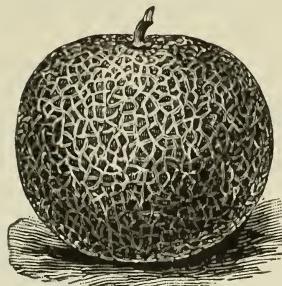
ROBINSON'S MUSHROOM CULTURE. A book giving directions how to raise Mushrooms. Per copy, postpaid..... \$0 50

MUSHROOMS, AND HOW TO GROW THEM. By Wm. Falconer. The most complete book published in America on the cultivation of Mushrooms. Per copy, postpaid..... 1 50

MUSKMELON. Butter-Melon.**Rocky Ford, Colorado, Nutmeg Melon.**

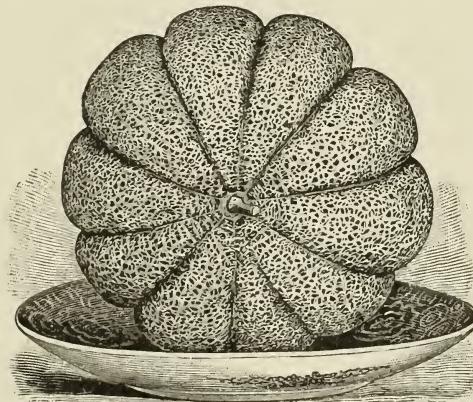
This is the
and Best
Ever

Sweetest
Flavored Melon
Grown.



This is one of the best selling Melons on the St. Louis market—has brought double the price over other Nutmeg varieties. We have the true seed of this Melon, have bought the Melons here and took the seed out ourselves, so as to get the original stock. A trial will convince you.

	Oz.	Lb.
Rocky Ford Nutmeg Melon.....	15	\$1 50
Dickmann's Best.....	15	90
The Banquet.....	10	65
Osage, or Improved Miller's Cream	10	60



DICKMANN'S BEST MUSKMELON.

	Oz.	Lb.
Tip-Top	10	\$0 50
Early Hackensack	10	50
Large Hackensack.....	10	50
Improved Cantelope	10	50
Early White Japan	10	50
Baltimore, or Acme	10	55
Montreal Market	10	55
Improved Large Nutmeg, Green	10	60
Perfected Delmonico.....	10	65
Jenny Lind, very fine	10	65
Netted Gem	10	55
Banana, New Improved.....	10	50
Extra Early Citron.....	10	55

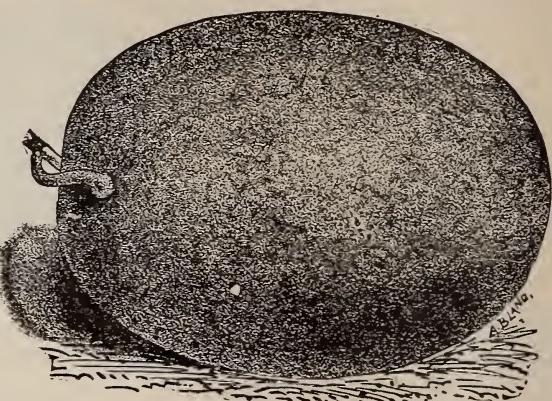
WATERMELON. Wasser-Melone.

"Triumph" Watermelon.

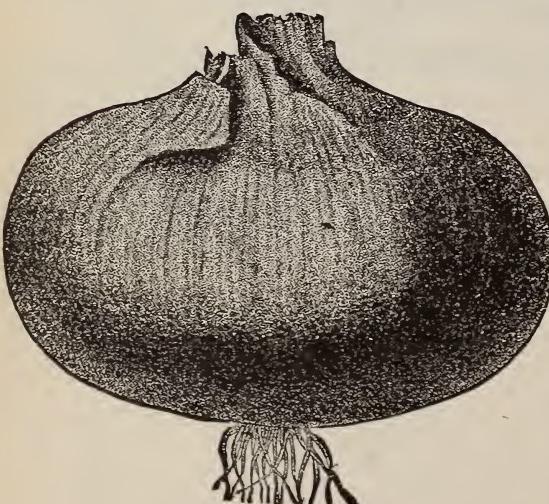
This new Melon, as a market sort and for shipment, is the best ever introduced. It is very prolific, very early, and of uniformly large size. It is a cross between the Duke Jones and Kolb Gem; has the fine, handsome appearance of the former and the fine shipping qualities of the latter. The rind, like the Duke Jones, is of dark green color, the seed exactly the same color as the Kolb Gem. As a table melon it is of much better flavor than the Kolb Gem. The average size of the melon is very large. The originator gathered from 2½ acres, 2,418 melons weighing over 40 pounds each. Comparatively speaking there was no small melons on the vines at the time of harvesting seed. The "Triumph" is very early, very large, very prolific, deliciously sweet, of finest flavor—in fact the finest Watermelon in the United States. The Farmer who values his melon patch, and looks forward to the good times in June and July, can not afford to do without the Triumph. Plant only the best; you get it in the Triumph.

Prices: Pkt., 10c.; oz. 20c.; ¼-lb., 65c.; lb., \$2.00.

	Oz.	Lb.	Oz.	Lb.	
Cuban Queen	10	\$0 40	Rattlesnake, or Gypsy	10	50
Jordan Gray Monarch	10	50	Florida Favorite	10	50
Green and Gold	10	50	Scaly Bark	10	50
Sweet Heart	10	50	Black Spanish	10	50
The Dixie	10	50	Seminole	10	50
Kolb's Gem	10	40	Mammoth Ironclad	10	50
Peerless, or Ice Cream	10	50	The Boss	10	40
Mountain Sweet	10	50	Citron	10	65
Improved Ironclad	10	40	Johnson's Christmas	10	60
Dark Icing, or Ice Rind	10	40	Jones' Jumbo	10	50
Pride of Georgia	10	40			



JOS. F. DICKMANN SEED CO.'S RELIABLE ONION SEED. Zwiebel Samen.



RED WETHERSFIELD ONION.

For a more detailed description as to culture see the book, "Onions for Profit," price 50c. Onion growers should have this book. No one can appreciate the value of reliable seeds better than those who have been once disappointed. Too much care can not be exercised in selecting your supply of Onion seed. There is no vegetable in which the quality of the seed exerts a greater influence upon the crop. Fully realizing this, we have for some years made a specialty of Onion seed, and have all our crops raised under special contract subject to careful supervision. In vitality it is very strong, being carefully tested. The rapid increase in our Onion seed trade among market gardeners and large growers of Onions, many of whom order from twenty-five to one hundred pounds, is the best evidence that our Onion seed is unexcelled in quality. If you use large quantities of Onion seed it will pay you to write us for special prices, stating the amount required. Our prices will be as low as good Onion seed can be sold for. We are not in the market to compete with old and worthless seed, but we are ready and willing to have our prices compared with any reliable seed house.

GARDEN
FIELD
FLOWER

SEEDS

Write your NAME PLAINLY, give POST OFFICE,
COUNTY and STATE every time you write.

ORDER SHEET.

JOS. F. DICKMANN SEED CO.

1110 and 1112 North Third Street,
ST. LOUIS, MO.

	AMOUNT ENCLOSED.
Date,.....	189.....
Forward to.....	Cash,
Post Office.....	P. O. Order,
Express Office.....	Draft,
County	C. O. D.
State.....	
Manner goods should be forwarded.....	DON'T WRITE IN THIS SPACE.
By what Railroad.....	
By what Express	

QUANTITIES

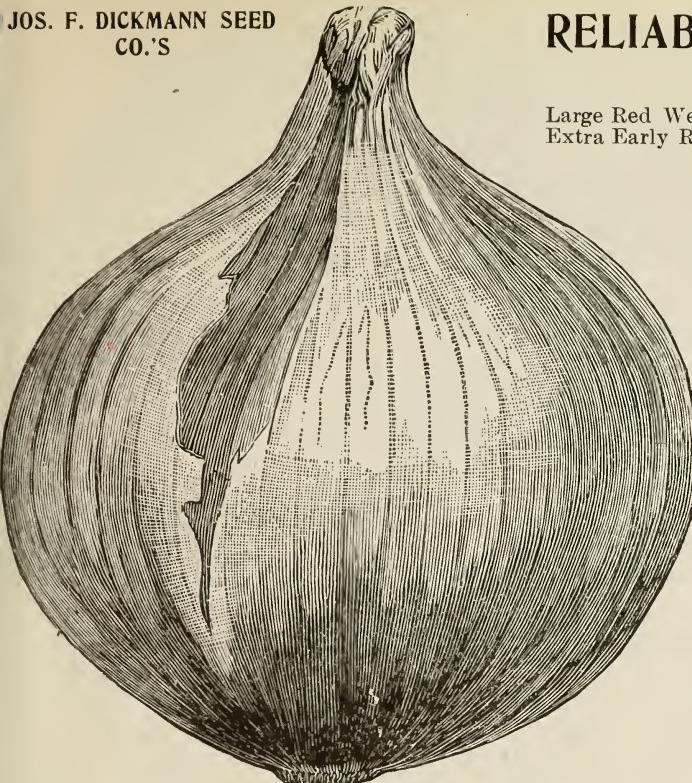
ARTICLES

PRICE

QUANTITIES

ARTICLES

PRICE

JOS. F. DICKMANN SEED
CO.'S

THE GENUINE PRIZETAKER.



WHITE VELVET OKRA.



DWARF, EXTRA CURLLED PARSLEY.

RELIABLE ONION SEED.

Continued.

	Oz. 1/4-lb. Lb.
Large Red Weathersfield	15 40 \$1 50
Extra Early Red	15 40 1 50
Large Red Globe.....	25 75 3 00
Yel. Globe, Danvers, 15	40 1 50
Yellow Strasburg, or Dutch	15 40 1 50
Early Red Globe.....	25 85 3 00
White Globe.....	25 85 3 00
Yellow, Danvers, 15	40 1 50
White Silver Skin, or White Portugal, 20	75 2 75
Prizetaker	20 75 2 75

ITALIAN ONIONS.

Italiänische Zwiebeln.	Oz. 1/4-lb. Lb.
Mam'th Silver King 20	75 2 75
Early Round Hard White Dutch.....	20 75 2 75
El Paso, or Large Mexican.....	20 75 2 75
Extra Early White Pearl	25 85 3 00
Neapolitan Maggia- jola	20 75 2 75
White Adriatic Bar- letta.....	20 75 2 75
White Queen	20 75 2 75
Giant White Tripoli, 20	75 2 75
Red Mam'th Tripoli, or Bermuda Red	20 75 2 75
Giant Red Rocca....	20 75 2 75
Giant White Rocca, 20	75 2 75
Mam'th Pompei, or Copper King	20 75 2 75
Giant Yellow Rocca, or Spanish King.....	20 75 2 75
True Bermuda Onion Seed.....	20 75 2 75
Shallot Seed, Imported	40 1 50 5 50
Chives Seed.....	60

ONION SETS. *Sez-Zwiebeln.*

Yellow Bottom	Market Price.
White Bottom	
Red Top, or Button.....	
Potato Onion	
Garlic, 30c per lb.....	
New White Multiplier	
White Top, or Bottom	
Shallots	

Boxes, crates and barrels charged at cost price.

OKRA, or GUMBO. *Eßbarer.*

	Oz. Lb.
Dwarf	10 50
Tall	10 50
New White Velvet Dwarf.....	10 50

PARSLEY. *Peterſilie.*

	Oz. 1/4-lb. Lb.
Triple Curled, or Myatt's Garnishing	10 20 65
Plain	10 20 70
Turnip-Rooted, or Hamburg	10 20 75
Fern-Leaved	10 20 65
Champion Moss Curled	10 20 65
Dwarf, Extra Curled	10 .. 75



PARSNIPS.

PEAS. Erbsen.

Jos. F. Dickmann's Prize Taker Pea.

LARGEST, MOST PROLIFIC AND SWEETEST.

This Pea is the result of years of careful selections among peas; and, as it is now offered to the public, is without doubt one of the best sorts in cultivation. Its habits resemble the Stratagem, branching, but compact in growth. Pods are long, straight and very broad. Seeds are green, wrinkled and



IMPROVED SWEET MOUNTAIN.

flattened, resembling Yorkshire Hero, but much larger. It grows about eighteen inches high, and is ready for market just after Dickmann Seed Co.'s Second Early Market Peas. Coming in when peas are in demand, every garden should have them in it to be complete. Pkt., 10c; $\frac{1}{2}$ pt., 15c; pt., 20c; qt., 40c; gal., \$1.25.

ERTRA EARLY VARIETIES.

	Qt.	Gal.	Bush.
Early May	15	50	\$3 25
McLean's Blue Peter	20	65	4 00
Tom Thumb	20	65	4 00
Philadelphia Extra Early	15	50	3 25
Dickmann's Extra Early Market	15	50	3 50
Rural New Yorker	15	50	3 25

	Qt.	Gal.	Bush.
American Wonder	20	75	\$5 00
Ext. Early Premium Gem	20	75	4 75
Laxton's Alpha	20	75	5 00
Daniel O'Rourke	20	50	3 25
Nott's Excelsior	20	50	3 25
Alaska	20	65	5 00
Little Gem	20	65	5 00

SECOND EARLY and LATE VARIETIES. Späte Erbsen

Dickmann's Second Early	Qt.	Gal.	Bush.
Market Garden	20	75	\$5 00
New Pea Heroine	20	75	5 00
Abundance	20	75	5 00
Long Island Mammoth	20	75	5 00
McLean's Advancer	20	75	4 75
Horsford's Market Gar- den	20	75	4 75

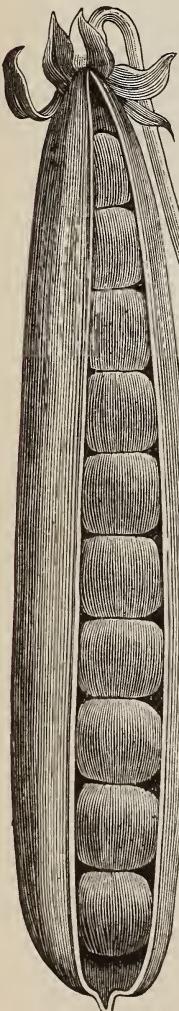
Everbearing	Qt.	Gal.	Bush.
Telephone	20	75	4 75
Stratagem Improved	25	90	5 50
Pride of the Market	20	75	5 00
Champion of England	20	75	4 50
Large Black-Eyed Mar- rowfat		40	2 25
Large White Marrowfat	15	40	2 25

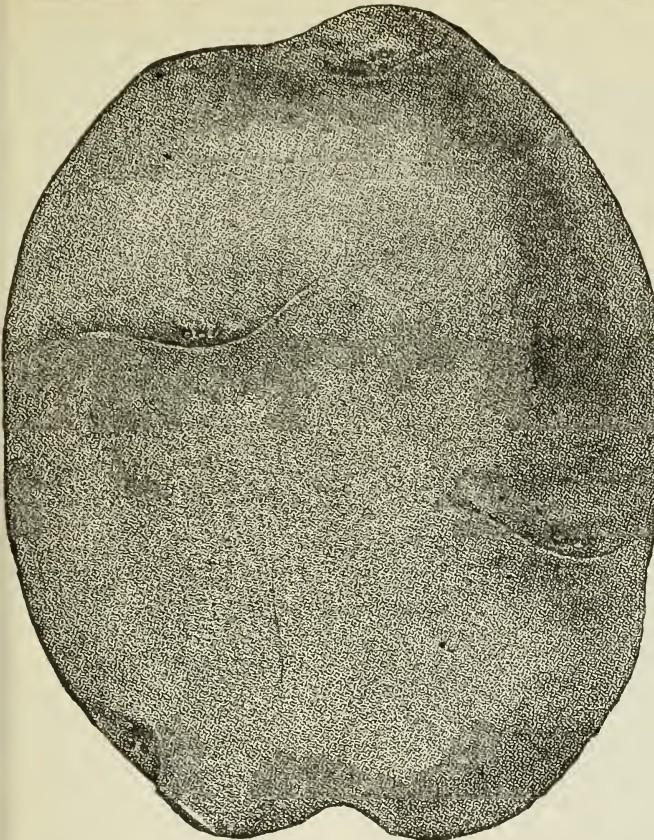
EDIBLE PODDED SORTS.

Bucker-Erbsen mit essbaren Schoten.

	Qt.	Gal.	Bush.
Dwarf Sugar (gray seed- ed)	20	75	\$5 50

Tall Sugar	Qt.	Gal.	Bush.
Melting Sugar	25	90	5 75

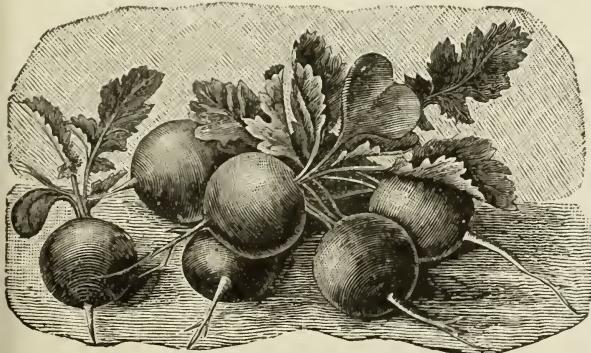




RURAL NEW YORK NO. 2.

PUMPKIN. Kürbis.

	Oz.	$\frac{1}{4}$ -lb.	Lb.	
Japanese Pie	10	15	\$0 50	
Crookneck	10	15	50	
Connecticut Field	10	15	50	
Large Cheese	10	15	40	
Mammoth Chili	10	15	50	
Nantucket	10	15	50	
Etampes Mammoth Red	10	15	50	
Kentucky Field	10	15	40	
Mammoth Tours	10	35	1 00	
Tennessee Sweet Potato	10	15	50	



NE PLUS ULTRA RADISH.

POTATOES. Kartoffel.

Carman No. 1		Market Price.
Carman No. 3		
The Freeman		
Early Ohio		
Ohio Junior		
Early Puritan		
Mammoth Pearl		
Burbank Seedling		
Rural New Yorker No. 2		
Clark's No. 1		
Chas. Downing		
Beauty of Hebron		
The Thorburn		
Late Burbank		
White Star		
Empire State		
Early Rose		
Green Mountain		
Crown Jewel		

In addition to this we can also supply a choice stock of Ajax, Peerless, Dakota Red, Snowflake, Colorado Red and White Elephant at the market price. Barrels and boxes at cost.

SWEET POTATOES. Süß-Kartoffeln.

Early Red Jersey		Market Price.
Red Nansemond		
Early Yellow Jersey		
Early Red Bermuda		
Yellow Nansemond		
White Southern Queen		
Yam or Vineles		

VIRGINIA PEANUTS.

Per lb	25
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LARGE CHEESE.

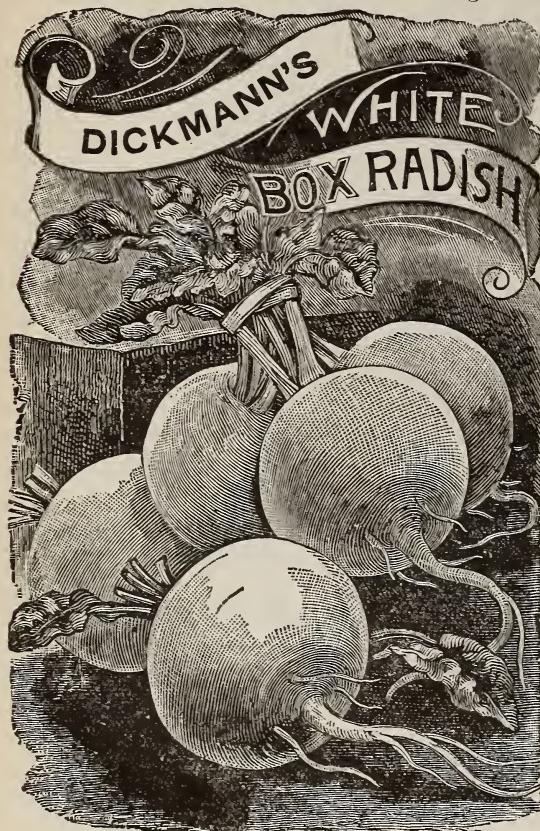
RHUBARB, or PIE PLANT.

	Oz.	$\frac{1}{4}$ -lb.	Lb.	
New Giant		15	50	\$1 75
Victoria		15	40	1 50
Linnaeus		15	40	1 50

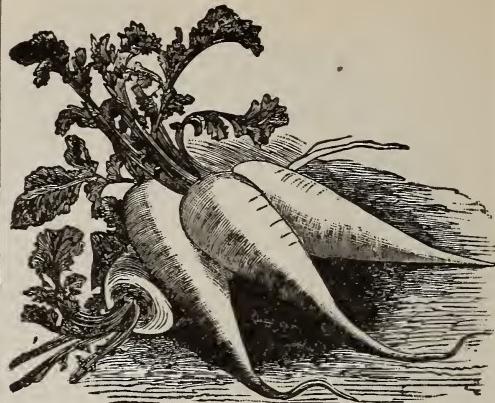
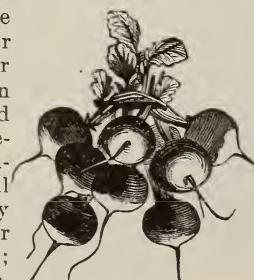
	Oz.	$\frac{1}{4}$ -lb.	Lb.	
Early Scarlet Turnip, forcing	10	15	50	
Dark Blood-Red Turnip	10	15	50	
Early Scarlet Turnip, White tipped, forcing	10	15	50	
Early Scarlet, Globe	10	15	50	

RADISHES.

Rettig.



DICKMANN SEED CO.'S MODEL WHITE BOX RADISH. No Radish ever introduced has met with so large a sale, or given such general satisfaction as the Philadelphia White Box. But our customers, however, were gratified and surprised to find that we offer a still better and more desirable Radish—Dickmann Seed Co.'s Model White Box. It possesses all the excellent qualities of the once popular Philadelphia White Box, and is superior in the following respects: In the first place the shape is rounder and much handsomer, as shown in our engraving, made from nature. It is also earlier, with fewer and shorter leaves, hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space, whether under glass, in frames or boxes, or on squares or borders in open ground. It is indeed a model, perfect in all respects, solid, juicy and unsurpassed in flavor in all stages of growth, and equally valuable for the home or market garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 75c.



WHITE STRASBURG.

	Oz.	$\frac{1}{4}$ lb.	lb.
Early Scarlet, Olive-shaped	10	15	\$0 50
French Breakfast	10	15	50
Early Scarlet Turnip, White Tipped	10	15	50
Woods' Early Frame	10	15	35
Golden Globe	10	15	50
Early Long Scarlet, Short Top, Improved	10	15	40
Long Brightest Scarlet, White Tipped	10	15	50
Chartier	10	20	65
Giant White Stuttgart	10	20	60
Early White Turnip	10	15	50
Long White Naples	10	15	50
White Lady Finger, or Long White Vienna	10	15	50
White Strasburg	10	15	50
Celestial, New	10	30	1 00
St. Louis White Summer	10	20	50
Newcom	10	20	65
Large White Summer Turnip	10	15	50

WINTER VARIETIES. Winter-Rettig.

	Oz.	$\frac{1}{4}$ lb.	lb.
Long Black Spanish	10	15	50
Round Black Spanish	10	15	50
Long White Spanish	10	15	50
California Mammoth White	10	15	50
Chinese Rose, Winter	10	15	50

SALSIFY OR OYSTER PLANT.

Haferwurzel.

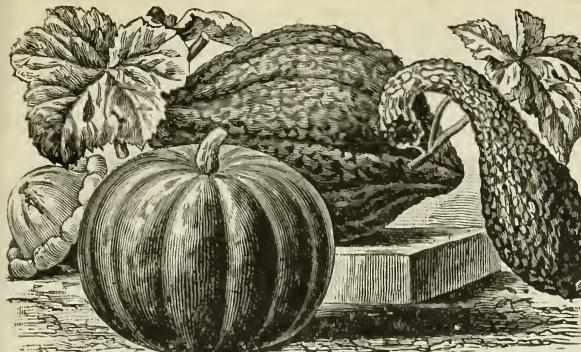
	Oz.	$\frac{1}{4}$ lb.	lb.
Long White French	10	20	\$0 75
Mammoth Sandwich Island	10	30	1 00
SCORZONERA, OR BLACK OYSTER PLANT	10	35	1 25

SPINACH. Spinat.

	$\frac{1}{2}$ lb.	lb.
Round Thick Leaved	10	20
Improved Thick Leaved (Viroflay)	10	20
Prickly Seeded	10	20
Curled-Leaved Savoy (Bloomdale)	10	20
Long Standing	10	20
New Zealand	25	50
Landreth's in Blue Bags, 5 lbs. for \$1.00		

SQUASH. Speise-Kürbisse.

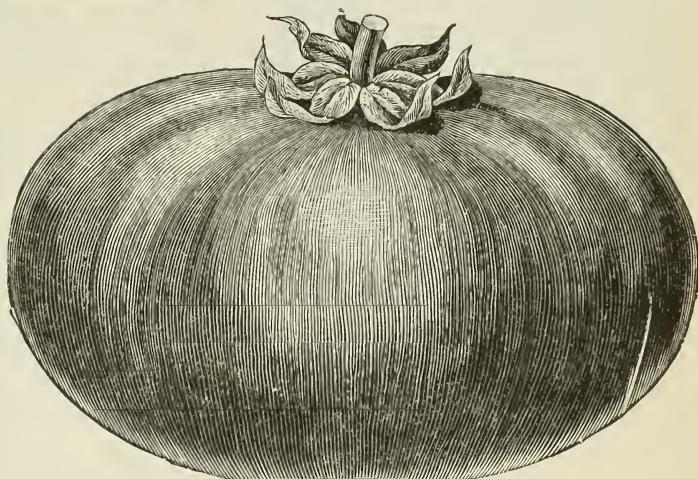
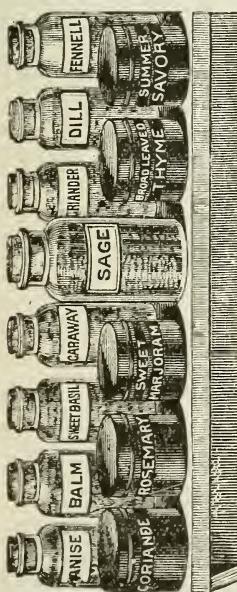
	Oz.	$\frac{1}{4}$ lb.	lb.
Early White Bush Scallop	10	15	\$0 50
White Pineapple	10	15	50
Essex Hybrid, or American Turban	10	15	50
Early Yellow Bush Scallop	10	15	50
Canada Winter Crookneck	10	15	50
Marblehead	10	15	50
Mammoth Chili	15	40	75
Mexican Banana	10	30	1 00
Boston Marrow	10	15	50
Giant Bush Summer Crookneck	10	20	50
Vegetable Marrow	15	40	1 00
Early Prolific Orange Marrow	10	15	50
Sibley, or Pike's Peak	10	15	50
Hubbard	10	15	50



TOBACCO SEED.

Tabak Samen.

	Oz. 1/4-lb. Lb.
Gold Leaf	15 50 \$1 75
White Burley	15 50 1 75
Yellow Prior	15 50 1 75
Missouri Broad Leaf	15 50 1 75
Havana	15 50 1 75
Big Oronoko	15 50 1 75
Connecticut Seed Leaf	15 50 1 75



	Oz. 1/4-lb. Lb.
Favorite	15 50 1 75
Husk, or Strawberry	30 1 00 3 75
Perfection	15 50 1 75
Acme	15 50 1 75
Dickmann's N. Jersey	20 70 2 50
White's Excelsior	20 3 00

	Oz. 1/4-lb. Lb.
Mansfield Tree	10 1 25 4 50
Buckeye State	20 3 00
Red Currant, Red Cherry, Yellow Cherry, Yellow Plum, Red Pear Shape, excellent for pickles, preserves and pies. Packet, 5c; oz., 30c	Red Currant, Red Cherry, Yellow Cherry, Yellow Plum, Red Pear Shape, excellent for pickles, preserves and pies. Packet, 5c; oz., 30c

TURNIP. Weisse Rüben.

	Oz. 1/4-lb lb
Extra Early Purple Top	10 15 50
Milan	10 15 50
Early White Flat Dutheh, strap leaved	10 15 40
Early Purple Top Munich	10 15 50
Long White, or Cow Horn	10 15 40
Large White Globe	10 15 40

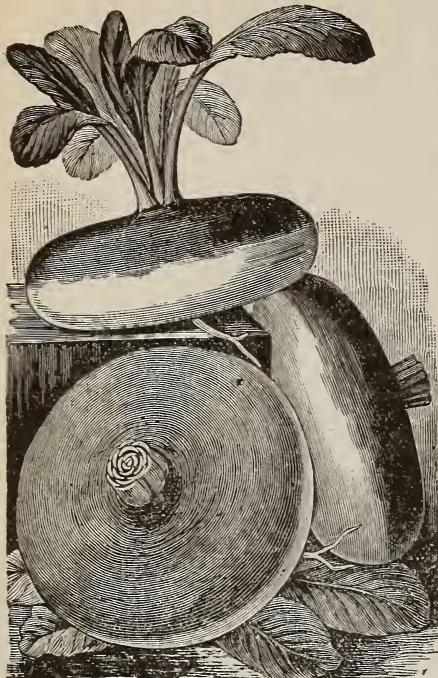
	Oz. 1/4-lb lb
Early White Egg	10 15 40
Purple Top Globe	10 15 40
Sweet German	10 15 40
Purple Top. strap leaved	10 15 35
Seven Top	10 15 40
Yellow Globe, or Amber	10 15 40

HERBS. Kräuter.

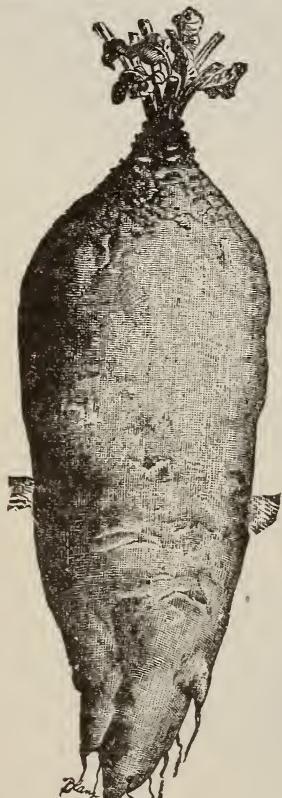
SEEDS OF SWEET, POT AND MEDICINAL.

	Pkt. Oz. 1/4-lb Lb.
Anise. For garnishing and seasoning	5 20
Balm. Used for balm tea or balm wine	5 20
Basil, Sweet. Used for highly seasoned dishes	5 20
Bene. A medical plant	5 20
Borage. Excellent for bees	5 20
Caraway. Used for flavoring	5 20
Castor Oil Plant	5 15
Catnip. Used for bees	10 50
Coriander. Used chiefly for garnishing	5 20
Dill. Used to flavor soups, etc	5 10 25 70
Fennel	5 20 25
Henbane	5 20
Hop Seed	25 \$1 50
Horehound. Useful tonic properties	5 30
Hyssop. For medicinal purposes	5 20

	Pkt. Oz. 1/4-lb. Lb.
Lavender. A popular aromatic herb, emitting a delightful perfume	5 20 60
Majoram, Sweet. Popular for seasoning	5 20 60
Majoram, Pot. Used for seasoning	5 20
Opium Poppy	5 20 40 81 25
Rosemary. An aromatic herb	5 20
Saffron	5 20
Sage. The leaves and tender tops are used in stuffing and in sauces	5 20 60 2 00
Savory, Summer. Used for seasoning	5 15 40
Thyme, Broad-Leaved. For seasoning, also useful as a bee food	5 35 1 00
Tansy	5 20
Winter Savory	5 20
Wormwood	5 35



RED OR PURPLE-TOP, STRAP LEAVED.



LONG RED MAMMOTH MANGEL WURZEL.

FARM SEEDS.

Feld Samen.

SUGAR BEETS AND MANGELS.

Mangel Wurzel oder Runkel Rüben.

	1/4-lb.	Lb.
Golden Tankard	10	35
Golden Yellow Mammoth	10	35
Mammoth Long Red	10	35
Norbiton Giant	10	35
Red Globe	10	35
Yellow, or Orange Globe	10	35
Sugar Cane	10	35

SUGAR BEETS. Zucker Rüben.

Improved White Sugar	10	35
Lane's Improved White Sugar	10	35
White Sugar	10	35

TURNIPS, RUTABAGA VARIETIES.

Stetf Rüben.

	1/4-lb.	Lb.
Improved American	10	35
Shirving's Purple Top	10	35
Large White French	10	35

SPRING WHEAT. Weizen.

	Bush.
Pillsbury Spring Wheat	\$1 50
Wellman Fife	1 50
Saskatchewan Fife	1 50

SPRING BARLEY. Gerste.

	Bush.
Highland Chief	\$1 50
Common	65

RYE. Roggen.

	Bush.
Spring	\$1 50
Excelsior	1 00
Winter	60
Thousandsfold	75

DWARF FIELD BEANS.

Feld Bohnen.

	Qt.	1/2-pk.	Bush.
Dwarf White Navy	10	35	\$2 75
Boston Small Pea Soup Bean	15	40	3 00
Prolific Tree	15	50	3 00

BUCKWHEAT. Buckweizen.

	Bush.
New Japanese	\$1 50
Silver Hull	1 50
Common	1 25

Special prices on large quantities.

SUNFLOWER. Sonnenblumen.

	Lb.	50 lbs.	100 lbs.
Mammoth Russian	10	\$3 00	\$4 00

HIGH GRADE GRASS AND CLOVER SEED.

Feinste Gras und Klee Samen.



SCARLET OR CRIMSON CLOVER.



JAPANESE BUCKWHEAT.

HIGH GRADE GRASS SEED.

Gras Samen.

	Lb.	Bush.
Fancy Kentucky Blue Grass	20	\$1 50
Extra Cleaned Blue Grass	15	1 25
Orchard Grass	15	1 75
Red Top Grass	15	1 40
	Lb.	10 lbs.
Timothy	\$0 10	\$1 75
Wood Meadow Grass	20	1 85
Sweet Vernal	20	1 75
Tall Meadow Oat Grass	20	1 90
Sheep's Fescue	20	1 80
Meadow Fescue	20	1 75
Johnson Grass	15	1 40
Crested Dog's Tail	20	1 80
English Rye Grass	15	1 40
Italian Rye Grass	15	1 40
German, or Golden Millet	10	90
Common Millet	10	85
Hungarian	10	85
Giant Spurry	15	1 40
Bermuda Grass	1 25	12 00
Seradella	15	1 40

TOWER GROVE PARK LAWN GRASS,

Per lb. 20

Prices for large quantities on application.

Our Special Grass Mixture.

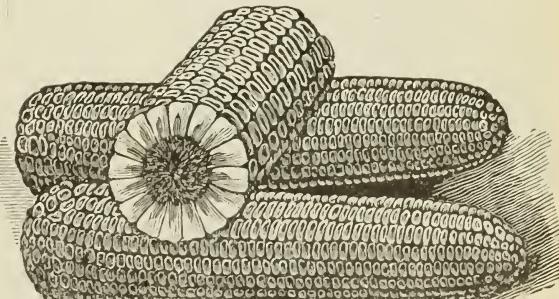
Gemischter Gras Samen.

For Hay and Permanent Pasture, per lb., 15c; per bushel, \$2.00; per 100 lbs., \$12.00.

CLOVER SEED. Klee Samen.

	Lb.	10 lbs.
Lucerne, or Alfalfa Clover	15	\$1 40
Alsike, Swedish or Hybrid	30	2 50
Bokhara Clover	30	2 75
Sainfoin, Esparsette, or Holy Clover	20	1 75
Japan Clover	25	2 25
Honey, or Bee Clover	25	2 25
White Dutch	25	2 25
Red Clover		Mkt. price
Yellow Trefoil	20	1 75
Mammoth, Sapling, or Pea Vine Red		Mkt. price
Crimson, or Scarlet	15	1 40

Prices for large quantities on application.



EARLY BUTLER YELLOW DENT.

CHOICE FIELD CORN AND FODDER PLANTS.

Bestes Feld Korn und Futter Pflanzen.

CHOICE FIELD CORN. Feld Korn.



RIPLEY'S FAVORITE is one of the best white field corns; forms large full grown ears; very heavy and pure white. $\frac{1}{4}$ bu., 50c; $\frac{1}{2}$ bu., 85c; bu., \$1.50.

	Pk.	$\frac{1}{2}$ -bu.	Bu.
Extra Early Huron Dent	30	50	85
Golden Beauty	35	50	90
St. Charles White	25	40	75
Leaming	25	40	75
Pride of the North	30	50	85
Champion White Pearl	30	40	75
Giant White Normandy	30	50	85
Black Hawk	30	50	90
Murdock's 90-day	30	50	75
Prolific Fodder Corn	30	50	85
White Cap Yellow Dent	30	...	90
Hickory King	30	...	\$1 00
Iowa Silver Mine	30	...	1 00
Iowa Gold Mine	30	...	1 00
Early Butler Yellow Dent	25	...	90

POP CORN. Popp Korn.

	Lb.
White Rice	10
Silver Lace	10
Golden Queen	10
Red Rice	10
Striped Beauty	10
White Pearl	10

SEED OATS. Hafer.

	Bu.
Black Russian Winter	90
Early Black Cluster	75
White Russian	50
Welcome	50
Probostier	50
White Chester	40
Rust Proof	40

Special prices on large quantities.



CHOICE FIELD AND FODDER PLANTS—Continued.

COW PEAS.

They are great soil improvers. Makes poor land rich, makes good land more productive; also makes a splendid and nutritious green forage or hay crop, enriching the soil even when the crop is cut off. Leguminous crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea has no superior, especially for medium or light soils. For this class of soils the Cow Pea is superior to Clover as a soil improver; it also makes splendid green food or a most nutritious hay. There is no surer or cheaper means of improving soil than by sowing Cow Peas, and if we consider that land improved by the use of Clover (excepting the crimson) takes eight months at least, while this, a much heavier crop, is produced in three to four months, their great value is obvious to all. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammonia fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at fifteen cents per pound. The Cow Pea, to a greater extent than other leguminous crops, has the power to extract the costly nitrogen or ammonia from the atmosphere. The removal of the vines from the land to use for fodder purposes decreases to some extent the value of the crop as a feeder of nitrogen to the soil, but the roots being rich in nitrogenous matter, are great improvers. From 10,000 to 18,000 pounds of green fodder per acre have been produced by the Cow Pea. To grow for hay they are most valuable, as they yield an immense quantity of food.

Black		Market Price.
Black Eye.....		
Clay		
Whippoorwill		
Red Ripper.....		
Crowder.....		
Wonderful, or Unknown		

FIELD PEAS.

Feld Erbsen.

	Pk.	Bush.
Canada Field.....	50	\$1 75

FIELD LUPINS.

Feld Lupinen.

	Pk.	Bush.
Yellow.....	\$1 25	\$4 75
White	1 10	4 00
Blue.....	1 55	4 50

SOJA BEANS.

The Tall Variety.—Habit of growth very luxuriant; grows three and one-half to four and one-half feet high on good land. Will yield three to four tons of dry forage per acre, and the feeding tests show it to be richer than clover hay. A test acre, grown on rich river bottom land, threshed over one hundred bushels of clean seed per acre. The Massachusetts Experiment Station says of them: "They are probably the richest vegetable substance grown for farm use."

	Pk.	Bush.
The Tall variety.....	\$1 25	\$4 50
Dwarf	1 25	4 50

VETCHES, SPRING TARES.

Wicken.

	Pk.	Bush.
Sand Winter, or Hardy Vetch	\$1 25	\$4 75
Tufted Vetch, or Bird's Tares	1 50	5 50

FORAGE PLANTS.

Futter Pflanzen.

	Lb.	10 lbs.
Dwarf Essex Rape	10	\$0 90
Kaffir Corn	10	90
New Rural Branching Dhoura	15	1 35
Wild Rice	25	2 25
Early Orange Sugar Cane	10	90
Jerusalem Corn	15	1 35
Brown Dhoura	15	1 35
Sacaline.....	pkt., 10c; oz., 75c; $\frac{1}{2}$ -lb., \$5.50; lb., \$9.50.	
Teosinite.....	pkt., 5c; oz., 10c; $\frac{1}{2}$ -lb., 65c; lb., \$1.25.	
Lathrus Sylvestris.....	pkt., 20c; oz., 35c; $\frac{1}{4}$ -lb., 75c; lb., \$1.50.	

CANE OR SORGHUM.

Zuckerrohr.

	Lb.	10 lbs.
Early Orange	10	90
Early Amber Sugar Cane.....	10	90

FLAX. Flachs.

	Lb.	50 lbs.	100 lbs.
Flax	15	\$3 00	\$5 00

OSAGE ORANGE. Hesfen Pflanzen.

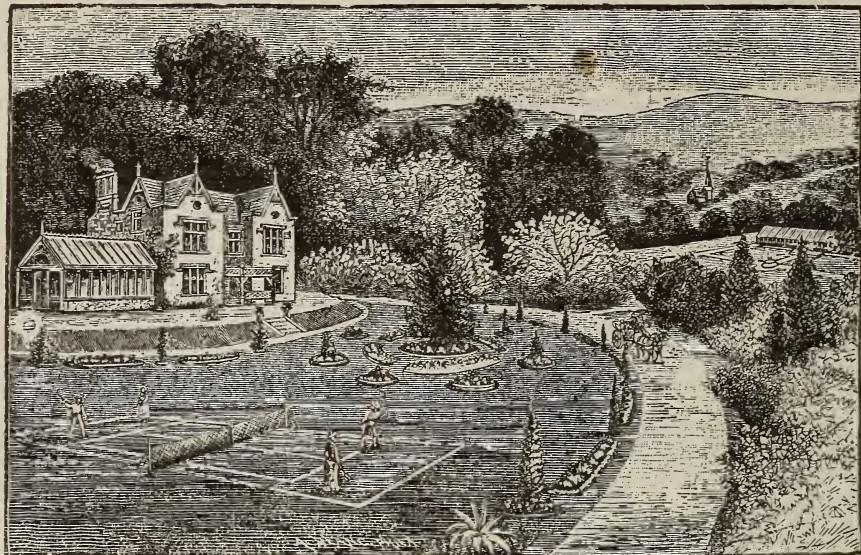
	Lb.	50 lbs.	100 lbs.
Osage Orange	35	\$11 00	\$20 00

EGYPTIAN CASTOR BEAN.

This is a New Ornamental Bean, which grows about twenty feet high, with large leaves. A wonder among the bean family. Per lb., 25c.

New Domestic Coffee Berry Beans.

Tower Grove Park Lawn Grass.



To see the fine LAWNS grown from our PREMIUM LAWN GRASS SEEDS you can go to any Park of St. Louis. We have been supplying the City for a number of years in succession, which you can see on record.

This Grass is composed exclusively of the very best varieties, such as long experience has shown to be the best adapted to produce a thick, heavy, carpet-like lawn. In this mixture we use only the very best recleaned seed, and we can guarantee that for purity and germination it is equal to any variety sold under any name. One of the greatest troubles in obtaining a good lawn is to get it free from weeds. These, while not always in the seed, are quite often in the ground, or come from the use of stable manure. Our customers can rely in buying the Tower Grove Park Lawn Grass of its being the purest seed obtainable, and entirely free from any foreign seeds. The quantity required for making new lawns is five bushels per acre, or for renovating old lawns, two to three bushels. For a space fifteen by twenty, or three hundred square feet, one pound is required for new, or half a pound for renovation. There are two ways of forming a lawn, by turfs, and by sowing the Grass seeds. If good turfs can be had the lawn may be formed very quickly. But the making of a lawn by transplanting the sods is at best a laborious and expensive method, and, in many cases, is absolutely impossible, on account of there being no good turf in the neighborhood. A good lawn can be had in from ten to twelve weeks by sowing the Grass seeds, and the final results will be the most satisfactory.

The best time to sow is early in Spring, as the moist weather then experienced is favorable to the quick germination of the seed, and gives the young plants a chance of being established before the Summer comes with its burning heat. The next best time is in September and October, as the weather is then comparatively cool, and sufficient growth may be made to establish the plants before the approach of Winter. Sow thinly and evenly, selecting a calm day for the purpose, and cover the seeds lightly with a wooden rake. After the Grass is well up, a moderately heavy roller may be passed over it to firm the surface.

During the season frequent mowing and watering will be necessary. A good supply of water is very important, as the fierce heat during the Summer is apt to burn the Grass out. The best time to water is in the evening or early morning, and the application should be copious; a slight sprinkling will do very little good.

MEN WHO KICK about weeds in their lawn should blame themselves for it. If they buy their lawn seed from a man who makes the seed business a "side line" they can not get as good seed as when they go to a reliable seed store. Our lawn seed is a mixture of the best recleaned seeds, and we guarantee it to make a beautiful lawn the first year, without weeds, unless they are in the ground from manure, or in the "black soil" hauled in.

FLOWER SEEDS

ANNUALS

And Other Flowers, Blooming the First Year from Seed.

In this department we include not only Annuals that bloom and die the first year, but also those Perennials that flower freely the first year from seeds. Upon this class of plants the garden is dependent for many of the brightest, most showy and beautiful flowers, and consequently we have taken special care in the growth and selection of the choicest seeds. We have this year transferred to the following pages many novelties of recent introduction and of real beauty. For Flower Seeds by the pound and ounce, send for special prices.

 **ON ALL ORDERS FOR SEEDS IN PACKETS** the purchaser may select **TWENTY-FIVE CENTS' WORTH EXTRA** for Each **ONE DOLLAR** sent us. Thus any one sending **\$1.00** can select seeds in packets amounting to **\$1.25**; for **\$2.00**, seeds in packets to the value of **\$2.50**, and so on.

ABRONIA.	Charming trailing annuals, height, nine to eighteen inches, flowering freely in large Verbene-like trusses, very fragrant. They succeed well in the garden border, in beds, rock work or basket.	PER PKT.
100 Arenaria .		5
101 Umbellata .	Rosy pink.....	5
AGERATUM.	Annuals, bearing in profusion clusters of feathery flowers, suitable for pot culture in Winter or bedding out in Summer, flowering continually and profusely. Two feet high.	
102 Blue		5
103 White		5
104 Mixed		5
TOM THUMB AGERATUM.	Splendid very dwarf variety for edgings and ribbon lines; covered with flowers until frost; height, three-quarter foot.	
105 Tom Thumb. Blue.	A beautiful variety, bearing large trusses of flowers in such abundance as to almost cover the plant.....	5
ALYSSUM.	This old favorite should be largely used in every garden. It is of easiest culture, and its fragrant flowers are produced all Summer.	
106 Sweet Alyssum.	White, in clusters. Oz., 30c.....	5
107 Benthami Compactum.	More dwarf and compact, known as Tom Thumb Sweet Alyssum.....	5
AMARANTHUS.	Very ornamental plants, some remarkable for large panicles of showy flowers and others for the brilliant range of colors in the leaves.	
108 Caudatus (<i>Love-lies-bleeding</i>). panicles	Long red	5
109. Princess of Wales.	Foliage beautifully blended	5
110 Splendens (<i>Rainbow Plant</i>).	Inner foliage of a very dark blackish-bronze, tipped with green; the outer foliage where exposed to the light is an intense flaming crimson and shining gold, while some of the leaves comprise crimson, gold, bronze and green.	5
111 Salicifolius (<i>Fountain Plant</i>). foliage	Willow-like	5
112 Tricolor (<i>Joseph's Coat</i>).	Yellow, red, green	5
113 Mixed.	All kinds.....	5
ANTIRRHINUM (<i>Snap Dragon</i>). Those who have cultivated only the old fashioned, faded Snap Dragon have no idea how bright and beautiful these new and improved varieties are. They are easily raised from seeds, make a gorgeous bed on the lawn, and if freely cut they bloom incessantly throughout the season. Our mixtures contain all the new and choice colors, including the beautifully striped, variegated and margined.		
114 Tall varieties.	Mixed.....	5
115 Dwarf varieties.	All colors mixed	5
116 Anagallis.	Low-growing plants, with remarkably bright and handsome flowers; mixed varieties.....	5
ABUTILON (<i>Flowering Maple</i>). Although universally admired, comparatively few are aware how easily Abutilons can be raised from seed and how beautifully they flower all Summer the first season. To get them in bloom early the seed should be started in the house and the young plants set out in the garden when the weather is warm and settled. They grow rapidly bearing a rich profusion of the elegant, bell-shaped flowers. A splendid house plant, blooming freely in Winter.		
117 Prize.	Mixed. Embracing the most elegant colors, both selfs and streaked and veined.....	15
118 ADONIS Æstivalis.	The <i>Flos Adonis</i> has fine, pretty foliage, with bright-scarlet flowers	5
119 AGROSTEMMA Cæli rosa (<i>Rose of Heaven</i>).	Abundant bloomer, with deep rose flowers, very pretty in masses.....	5
ALONSOA (<i>Mask Flower</i>).	Free-flowering bedding plant, with handsome flowers, in bloom until frost.	
120 Grandiflora.	Bright scarlet, one and one-half feet.....	5
121 Linifolia.	Orange scarlet, one and one-half feet.....	5

ASTERS.

Not only the most popular, but the most effective in the entire list, while most easy of culture, there is no flower which combines so much beauty and variety of color and shape and habit as the modern Aster. For a late Summer or Fall display they have no successful rival. Give them a rich soil, and in hot, dry weather they should be mulched and well watered.

GLOBE FLOWERED ASTER.

TRUFFAUT'S PÆONY PERFECTION ASTER.

A very favorite type. Thrifty, upright plants, large, fine flowers, with long in-curved petals.

The florists' Aster and one of the finest. PER PKT.

122	Pæony Perfection.	Finest mixed.....	5
123	" "	Satin white.....	5
124	" "	Crimson	5
125	" "	Dark blue.....	5

DWARF CHRYSANTHEMUM FLOWERED ASTERS.

Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

126	A. Chrysanthemum Flowered.	Mixed.....	5
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VICTORIA ASTERS.

A magnificent race of Asters. The colors include many delicate and some gorgeous shades, flowers very double and four inches across and from twenty to thirty in a single plant, fifteen to eighteen inches high.

127	A. Victoria.	Choice mixed.....	5
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128	"	Pure white.....	5
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GERMAN QUILLED ASTER.

Flowers composed of tube or quill-shaped petals. Very beautiful with a great variety of colors.

129	German Quilled.	Mixed.....	5
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130	"	Pure white.....	5
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131	Ch'inese Asters.	Choice mixed; twelve sorts.	5
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132	Dwarf Bouquet.	A most charming class, of compact habit, only six to eight inches high. Each plant is covered with handsome flowers and looks like a bouquet set in the ground. Fourteen colors.....	5
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133	Globe Flowered.	Best German mixed.....	5
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134	White Plume Aster.	A grand Aster having large, plume-like flowers, cream white in color and lasting a long time.....	10
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135	New White Plume Aster.	Extra Fine Florist Strain. A pure white Aster of great beauty; it cannot always be relied upon to produce feathery form, but a first-class flower may always be expected of grand size and pure color.....	25
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You should try Dickmann's Giant Summer Cabbage for an early crop. It will be sure to pay you. See page 7.

OUR FLOWER SEEDS ARE THE BEST TO BE FOUND.

ASPERULA. A hardy dwarf annual, with clusters of small, sweet-scented flowers, lasting a long time while in bloom, fine for bouquets; one foot. PER PKT.

136 Odorata (*Sweet Woodruff*). Chief ingredient in the "Maitrank," or May wine of the Germans. The dried flowers and leaves have a delicious perfume, and imparts an agreeable perfume to clothes, etc., when kept among them..... 5

BALSAM (*Lady's Slipper*). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion, of easy culture, succeeds in a good rich soil.



BALSAM PERFECTION.

137 Balsam, Double White. Oz., \$1.00..... 5

138 Balsam, Double Perfection. Very double, immense, solid round flowers. Oz., \$1.50. 10

139 Balsam, Double Camellia Flowered. Finest mixed. Oz., \$1.00..... 10

140 Balsam, Double Mixed. Occasionally semi-double. Oz., 50c..... 5

141 Balsam, Double. Collections of six colors. 50

142 Balsam, Double Scarlet (King)..... 5

143 " " Pink (*Maiden's Blush*)..... 5

144 Balsam, Double Solferino. Striped and spotted..... 5

145 BARTONIA.—Aurea. One of the most showy of our hardy annuals. The plants grow eighteen inches to two feet high, with thistle-like, downy leaves, commence to flower early and bloom continuously throughout the Summer; the large, saucer-shaped flowers, two and one-half inches across, are of a bright metallic yellow, and intensely brilliant..... 5

146 BRACHYCOME.—Iberidifolia (*Swan River Daisy*). Very effective dwarf-growing plants, covered for months with a profusion of single daisy-like flowers, blue and white mixed; one-half foot..... 5

147 BROWALLIA. Handsome plants, eighteen inches tall, with shining green foliage and bright blue and pure white flowers, mixed.. 5

PER PK.

BEET.—Ornamental Foliaged. The large, growing varieties of the Chilian Beet are very attractive as the center of the circular beds surrounded by the Dracæna Leaf Beet, Nasturtiums, and other dwarf plants. PER PK.

148 **Scarlet Ribbed Chilian.** Immense leaves, of indescribably rich crimson bronze, with mid-ribs of shining scarlet. Oz., 15c..... 5

149 **Yellow Ribbed Chilian.** Leaves greenish-yellow, with deep golden-yellow mid-ribs. Oz., 15c 5

150 **Dracæna Leaf.** Entirely unique, its ornamental, dark red, lustrous leaves resembling the Dracæna, very rich and beautiful for borders. Oz., 15c 5



DOUBLE DAISY.

BELLIS (Double Daisy). Daisies are easily raised from Spring-sown seed, and come into flower in a very short time. Among the most charming Spring flowers, they are most indispensable for cool, shady places. With protection they will stand the Winter.

151 **Fine German Double Mixed** 5

152 **Extra Double White.** Fine..... 5

CALENDULA. The old pot "Marigold." Are really of remarkable beauty, deserving a place in every garden.

153 **Double Mixed (Pot Marigold).** Oz., 15c..... 5

154 **Meteor.** Perfectly double and beautifully striped cream color, edged with orange. Oz., 20c..... 5

155 **Prince of Orange.** Large, deeply imbricated flowers, pale straw yellow, striped with a most intense shade of orange. Oz., 25c 5

156 **Convolvulus Minor.** The Dwarf Morning Glory is a beautiful plant of trailing habit, and is a perfect mass of bloom..... 5

CANDYTUFT. Among the most useful of hardy annuals. Perfectly hardy, and produces its neat clusters of flowers very freely.

157 **White.** Oz., 20c..... 5

158 **Rocket.** Spikes of white flowers. Oz., 20c.... 5

159 **Dark Crimson** 5

160 **New Carmine.** The richest in color..... 5

161 **Mixed.** Including above varieties. Oz., 20c.... 5

162 **CHRYSANTHEMUM.** (*French Marguerites, or Painted Daisies*). These annual Chrysanthemums have no resemblance whatever to the perennial varieties, also so popular, but have a distinct beauty. The plants grow twelve to eighteen inches high, and produce on long stems beautiful large flowers of many bright colors, having the appearance of being laid on with a brush 5

163 **NEW DWARF CANNAS.** These new dwarf ever-blooming, large flowering French Cannas bloom freely the first year from seed. They are much less expensive and incomparably more beautiful for bedding than the best Geraniums. In fact, we cannot recall any other plants that have ever given us such satisfaction in masses or in beds, while even single specimens are most attractive in the garden. The roots can be kept in the cellar over Winter, and each clump will give six to eight good roots for planting out in the following Spring. The *Mixed Seed* we offer has been saved from the finest varieties of all colors. Oz., 60c; 3 pkts., 25c 10

164 **Calandrinia Grandiflora.** Very beautiful dwarf growing annual for the flower garden ; in the sunshine the large rose-colored flowers expand into a perfect blaze of beauty..... 5

165 **Calacia (Tassel Flower).** Small tassel-like blooms, often called *Flora's Paint Brush*, gracefully borne on long stems; useful for cutting; bright scarlet and yellow mixed..... 5

CENTAUREA (Blue Bottle, or Bachelor's Button). One of the most attractive of all hardy annuals, the graceful beauty of its old-fashioned flowers being universally admired. A hardy annual of the easiest growth, and flowers freely and continuously, height two to three feet, flowers excellent for cutting.

166 **Cyanus.** Mixed. Including dark and light blue, purple, pink, rose, white, etc. Oz., 25c..... 5

167 **Mascuta, or Sweet Sultan.** 5

168 **Clarkia.** Very free flowering, flowers white with brilliant carmine center 5

169 **Mixed.** Double and single varieties..... 5

170 **CHRYSANTHEMUM.—Double, Coronarium mixed.** White and yellow, double flowers 5

171 **Sulphureum fl. pl.** Produces numerous very pretty, double flowers, of a rich lemon color..... 5

172 **CASTOR OIL BEAN.** See *Ricinus*..... 5

CALLIOPSIS. Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture, they require no care and thrive in any garden.

173 **Drummondii (Golden Wave).** Bushy, compact plants, covered all summer with bright golden flowers, two inches across, each distinctly marked with dark brown center. Oz., 20c..... 5

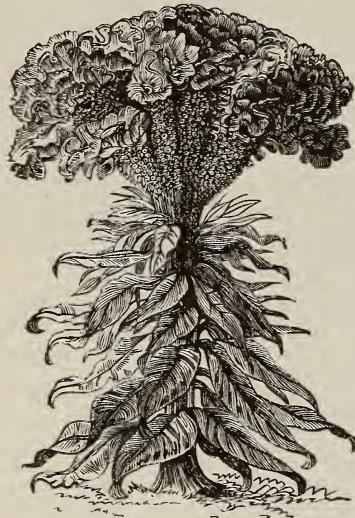
174 **Mixed.** All varieties and colors. Oz., 20c.... 5

CELOSIA (Cockscomb). Quite easy to grow and certainly one of the most showy and brilliant of annuals. The combs of the best varieties often grow a foot or more across the top.

176 **Fire-Feathered.** The plant grows three feet high, and the main stems puts forth thirty to thirty-five branches, each crowned with a feathery flowery head of an intense fire color..... 5

PER PKT.

- 177 PREMIUM COCKSCOMB. This is the best dwarf-growing Cockscomb we have, are firmly set in the crown, with well-balanced, large heads, two to twenty inches across. They grow very uniform and present an unusually solid effect in color, which is a rich ruby-red of extreme brilliancy. 3 pkts., 25c.....10



COCKSCOMB.

- 178 Dwarf Golden Rose. Large combs of bright rose, marked with a stripe of clear golden yellow.....5
 179 Empress. Mammoth, bright purple combs, 5
 180 Glasgow Prize, or Tom Thumb. A fine dwarf variety, dark leaves and crimson combs.....5
 181 Dwarf Mixed. Various shades of red.....5
 182 Gold Feathered. This is in all respects like the Fire Feathered Celosia, except that the feathered flower heads are of a bright golden-orange color.....5
 183 Feathered Varieties, Mixed. Oz., 50c.....5
 184 CREPIS Rubra (*Hawkweed*). Rosy, double flowers.....5
 185 CUPHEA Miniatia. A pretty little half-hardy annual, bearing numbers of curiously-shaped flowers, of a bright vermilion scarlet, with violet center.....10
 186 CINERARIA Maritima (*Dusty Miller*). Very ornamental for bedding and as a decorative plant. Of dwarf, compact habit, with a handsome silvery-white foliage; can be grown very easily from seed. A beautiful plant for decorative purposes.....5
 187 COLLOMIA Coccinea. Numerous heads of fine red flowers, somewhat like a Bovardia.....5

COSMOS Hybridus. Of very rapid growth, and make large bushes fully five feet high, which are a mass of elegant foliage until they bloom in August. From September until November each plant is covered with hundreds of showy blossoms two inches in diameter. The flowers resemble single Dahlias, and are pure white, flesh color, charming light pink, and deep rose in color, each with a bright yellow center. They are very easily raised and they make a grand display.

PER PKT.

- 188 All Colors. Mixed.....5
 189 Pure White. Large, pure white flowers, extremely beautiful; very valuable for florists5
 190 Pure Pink. Beautiful large flowers of a clear, delicate pink color.....5
 191 CYNEGLOSSUM (*Venus Navelworth*).....5
 DATURA (*Angel's Trumpet or Sweet Nightingale*). Very showy, large-branched plants, growing three to five feet high, bearing immense trumpet-shaped flowers, six inches in length and very fragrant. They bloom freely from seed sown in the open ground the first season, but the roots can be taken up and kept over Winter the same as Dahlias.
 192 Wrightii. Large, single, white flowers.....5
 193 Fastuosa, fl. pl. Large, double white.....5
 194 Fastuosa, fl. pl. Double purple.....5
 195 Mixed. Seeds of all the above.....5

DIANTHUS (PINKS). The China and Japan Pinks are deservedly very popular, as few flowers can equal them in beauty and profusion of bloom. They comprise many distinct and most beautifully marked varieties, of rich and varied colors. They bloom continually all Summer and Fall, until severe frost; they live over Winter and bloom finely again the second season. They are alike ornamental in the garden and for bouquets. Plants ten to fifteen inches high, and are of the easiest cultivation.

- 196 Chinensis (*Double Chinese Pinks*). Clusters of small double flowers, finest mixed. Oz., 50c.....5
 197 Chinensis albus, fl. pl. Double white.....5
 198 Diadematus, fl. pl. (*Double Diadem Pink*.) Marked like the original Chinese Pinks, very double, large flowers, magnificent in color and variety.....5
 199 Hedewiggii, Finest Single. Mixed. Flowers two to three inches in diameter. Oz., 75c5
 200 Hedewiggii, fl. pleno. Finest double mixed, in great variety, extra choice. Oz., 75c5
 201 OUR OWN MIXTURE of all the above splendid varieties. $\frac{1}{2}$ oz., 35c; oz., 60c....5

Slug Shot is sure death to all insects that injure the garden and field crops.

MARKET GARDENERS Who buy seeds in large quantities are requested to write for **WHOLESALE PRICES**. While the prices quoted in this Catalogue are very reasonable, yet frequently we have orders for large quantities of certain seeds (such as Onion, Cabbage, Carrot, Cucumber, Melon, Radish, Turnip, etc.), and the purchaser naturally expects to buy at a price lower than that charged for a single pound.

You don't "TRY OUR SEEDS," we try them, before you get them.

DAHLIAS. Every one knows and admires the Double Dahlia but comparatively few are aware that it can be grown so easily from seed and flowers so beautifully the first season that the purchase of bulbs is a needless expense. We offer the choicest seed, that, if sown in the Spring, will give a magnificent display of the brightest colors by August. PKT.



SINGLE DAHLIA.

- 202 Choice Mixed Pompon 10
203 Mixed. Single sorts. 5
205 EUPHORBIA Marginata (*Snow-on-the-Mountain*). A hardy annual, growing two feet high, with beautiful foliage, elegantly veined and margined with white, very showy. Oz., 25c..... 5

EGG-PLANT. Not edible. Ornamental, fruit-bearing plants, growing freely in rich, light, warm soil.

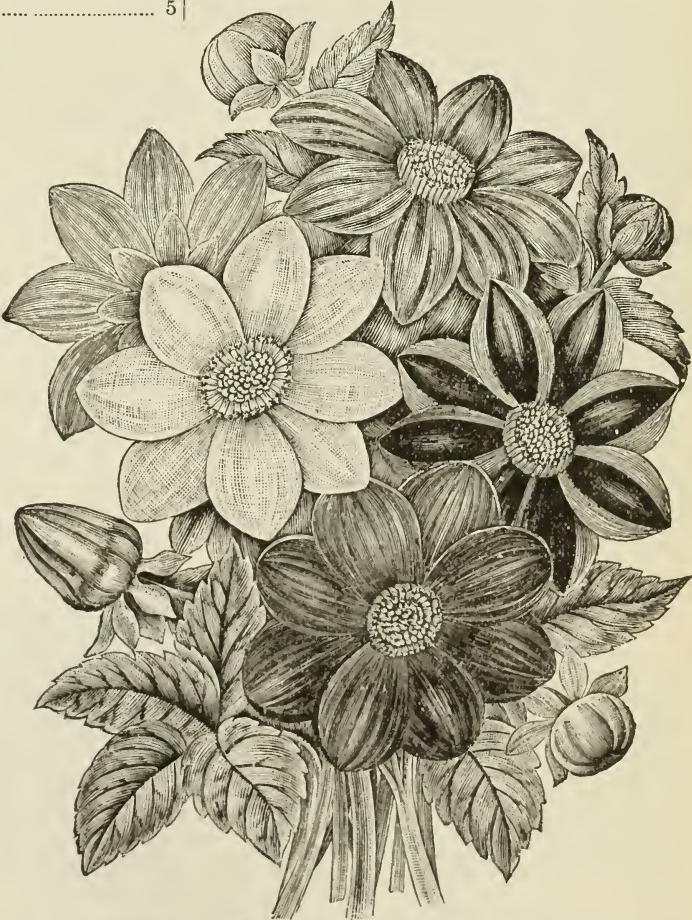
- 206 White-fruited. Egg-shaped 5
207 Scarlet-fruited. Handsome, dark-green foliage 5
208 Erysimum Hedge Mustard. Hardy annual, sweet scented, good for bouquets, etc. 5
209 FORGET-ME-NOT. See *Myosotis* 5
210 FOUR-O'CLOCK. See *Marvel of Peru* 5

GAILLARDIAS. Although long neglected, the single Gaillardia, or *Blanket Flower*, has lately come into well-deserved popularity. Of magnificent size and wonderful profusion, the flowers are greatly admired for their fine forms and rich blending of colors, while they thrive well everywhere.

- 211 Mixed colors 5
212 GILIA. Mixed. All varieties. Good for cutting, of dwarf habit, will bloom almost anywhere 5
213 GAMOLEPIS Tagetes. Of compact growth, with fern-like foliage and bright-yellow, daisy-like flowers 5

	PER PKT.
214 GODETIA Albemarle. Plants compact, profusely covered with rosy-carmine flowers. 5	
215 Fine mixed. Many varieties. Oz., 25c..... 5	
216 GYPSOPHILA Elegans. A mass of the finest little leaves and branches, covered with tiny, white flowers. Useful for bouquets, its delicate sprays imparting a light appearance	
217 HELIANTHUS (<i>Sunflower</i>). The Dahlia. Produces numerous bright golden-yellow flowers, which are generally perfectly double	
218 Mammoth Russian. Very large. Oz., 10c.. 5	
219 Primrose. Small Sunflower of trim appearance	

HELIOTROPE. Every one loves the delightful fragrance and beauty of the Heliotrope, but very few are aware of the fact that it can be raised from seed as easily as Verbenas. From seed sown in the open ground the plants will flower in August, while a fine display can be had earlier by starting the seed in the house and setting out plants when the weather is warm.



MIXED SINGLE DAHLIAS.

	PER PKT.	
220 Choice mixed. Many varieties.....	5	MARVEL=OF=PERU (<i>Mirabilis</i>). The Marvel-of-Peru, or Four o'clock, is as easily grown as a weed, and is one of the most brilliant and showy of annuals. Planted in beds or masses, their compact growth, rich, glossy leaves, together with their profusion and diversity of bloom, present a gorgeous sight during the afternoon.
221 Dark Bouquet. The large flower heads are intensely dark, of the deepest blue in color and most deliciously fragrant. It comes true from the seed.....	5	PER PKT.
222 HIBISCUS. Hardy annual, with large, showy flowers, very ornamental.....	10	241 Marvel of Peru. Mixed, all colors. Oz., 15c.. 5
223 ICE PLANT (<i>Mesembryanthemum crystallinum</i>). Fine for vases, singular icy foliage. 5		242 MATRICARIA (<i>Feverfew</i>). <i>Eximia fl. pl.</i>
224 JACOBÆA ELEGANS. Double mixed, an old favorite for flower borders, continuously in bloom and useful for cutting, one foot high.....	5	Extremely beautiful plants, twelve inches high. Grows freely in any soil and bears numerous, perfectly double, pure white flowers, one inch in diameter..... 5
225 LARKSPUR. Well-known annuals of great beauty, and noted for richness of their colors.		MEDICAGO. These plants are grown for their curiously shaped seed pods—being of most peculiar shapes.
226 Double Dwarf Rocket. Finest mixed.....	5	243 Acutellata (<i>Snails</i>). Flowers small, yellow.. 5
226 Tall Rocket. Double mixed.....	5	MATHIOLA (<i>Sweet-scented Stock</i>). A charming hardy annual, which sown early begins to flower in June, and bears a great profusion of fragrant flowers.
227 Emperor Larkspur. Really splendid, a single plant having fifty or more erect spikes of flowers	5	244 Bicornis. Light lilac-pink, very sweet ... 5
228 LINARIA Bipartita splendida. A very attractive, free-flowering, hardy annual, heads of handsome purple flowers, resembling the snap-dragon.....	5	245 Martynia fragrans. Fine Summer blooming garden plants, with large crimson Gloxinia-like flowers, followed by curiously horned fruits, one and a-half feet..... 5
229 LINUM Grandiflorum rubrum (<i>Crimson Flax</i>). One of the most beautiful annuals known. Valuable for bedding.....	5	246 Mixed Varieties. 5
230 LOBELIA. Very dwarf plants, growing four to six inches high and forming dense masses of flowers. Of easy culture, and well adapted for bedding, edging, pots or rockeries.		MIGNONETTE. The Mignonette is a universal favorite on account of its sweet and delicate fragrance. The seed should be scattered liberally in sunny situations. The flowers of some of the newer varieties, described below, are of wonderful perfection.
230 Erinus, compacta. Deep, rich blue. $\frac{1}{2}$ oz., 75c.....	5	247 Reseda odorata, Sweet Mignonette. Oz., 15c..... 5
231 Erinus compacta alba. White. $\frac{1}{2}$ oz., 75c.. 5		248 Odorata grandiflora ameliorata. Oz., 20c.. 5
232 Erinus Crystal Palace. Dark blue, splendid. 5		249 Giant Pyramidal. Very fine, large flowers of compact, pyramidal habit. Oz., 35c..... 5
233 Finest mixed varieties. Oz., 50c.....	5	250 PURE MATCHET. Of vigorous, pyramidal growth, with very thick, dark-green leaves, numerous stout flower stalks, bearing massive spikes of deliciously scented reddish-gray flowers, of great substance. $\frac{1}{2}$ oz., 50c..... 10
LYNCHNIS (<i>Burning Star</i>). Grand, hardy perennials, which grow and bloom from the same roots, year after year, requiring no protection. They will flower freely the first year if the seed is sown early.		251 Golden Queen. Very fine new variety, with flowers of a golden hue, highly effective, of dense, pyramidal habit. Oz., 40c.. 5
234 Chalcedonica. Intensely bright scarlet.....	5	252 Mixed. Including many varieties. Oz., 25c.. 5
235 LOVE=IN=A=MIST. See <i>Nigella</i> .		MIMULUS (<i>Monkey Flower</i>). Tender-looking plants, with singularly shaped and brilliantly colored flowers, blotched and spotted in every conceivable manner. Excellent for baskets or vases, while they thrive well in the garden if planted in partial shade.
236 LUPINUS Subcarnosus (<i>The Deep-Blue Lupin</i>). Its neatly cut, lively green foliage carpets the ground, from which are borne upright, on stems six to eight inches long, lovely spikes of the deepest sea-blue flowers, delicately fragrant.....	5	253 Tigrinus. Fine hybrid varieties, mixed..... 5
237 Mixed. All annual varieties.....	5	254 Tigrinus grandiflorus. Very large-flowered and tigereed and spotted varieties, most beautiful
238 MALOPE. This old hardy annual is a favorite wherever known, as few plants produce more beautiful flowers. The plants grow eighteen to twenty inches high, and bear large single flowers.		10
238 Grandiflora mixed. Crimson, rose and white	5	255 Moschatus (<i>Musk Plant</i>). Leaves musk-scented..... 5
MARIGOLD. The African varieties are stronger in habit, and produce larger flowers than the French.		MYOSOTIS (<i>Forget-me-not</i>). These charming little favorites succeed best in damp, sandy situations, but thrive well in almost any soil.
239 African Double. Mixed. All varieties.....	5	256 Palustris. The true marsh, Forget-me-not, small, blue flowers..... 5
240 French Double Dwarf. Mixed colors, of compact habit, numerous bright flowers....	5	257 Alpestris. Blue, dwarf, free-flowering..... 5

	PER PKT.
258 <i>Alpestris alba</i> . White, height, six inches....	5
259 <i>Semperflorens</i> . Blue, a dwarf variety, flowers from early Spring until the Autumn very fine.....	10

TOM THUMB NASTURTIUMS.

The improved Dwarf or Tom Thumb Nasturtiums are unrivaled in beauty and effect. When planted in poor soil, they flower most profusely and remain long in bloom. We recommend a liberal use of the seed, in variety.

260 Tom Thumb Beauty . Yellow and scarlet....	5
261 Palace Gem . Sulphur, spotted maroon.....	5
262 Lady Bird . Its striking flowers are pro- duced in profusion throughout the Sum- mer. The ground color of the flowers is rich golden yellow, each petal barred with a broad vein (starting from the base) of bright ruby crimson. Oz., 25c.....	10
263 Tom Thumb Varieties . Mixed. Including the above and other choice colors. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.....	5

NEMOPHILA (*Love Grove*). Of neat, compact habit, blooming freely all Summer. If thinned to four inches apart the plants will present a dense mass.

264 Mixed . Many rich, bright colors.....	5
NIGELLA (<i>Love-in-a-Mist</i>). Very showy in foliage, flowers, and seed pods. The pretty flowers are surrounded by a delicate wreath of fine, mossy, green fibers.	
265 Damascena, Double . Mixed. With finely cut leaves and curious blue and white flowers	5
266 Dwarf, Double . Of compact, neat habit of growth. A little gem, with white and blue flowers	5

267 **NICOTIANA Affinis**. Produces splendid pure white, Bouvardia-like flowers on long terminal tubes. When its large flowers are fully expanded in the evening and morning it has a most striking effect, and is so fragrant that a small bed will perfume the whole surrounding atmosphere. Taken up in the Fall, cut back, and potted, it will bloom freely all Winter.....

268 **NOLANA**. Mixed. Very pretty trailing plants for rock-work, hanging baskets, flower borders, etc. Flowers resemble the Dwarf Convolvulus.....

	PER PKT.
269 OENOTHERA (<i>Evening Primrose</i>). <i>Acaulis</i> <i>alba</i> . Saucer-shaped, silver-white, flow- ers, of enormous size, very striking and fragrant	5
270 Drummondii . Very large, bright-yellow flowers	5
271 OXALIS . Exceedingly free-flowering little plants with lively foliage, and entirely covered with bright flowers from June until September. Very useful for edgings, as they form an even and pleasing border..	5

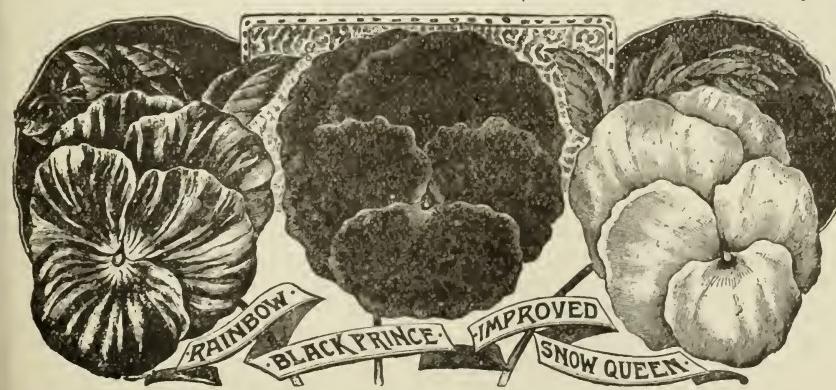


PRIZE MIXED PANSIES.

PANSIES. Pansies are the most popular of all flowers grown from seed. It is needless to say anything in praise of such a universal favorite. It is everywhere popular, both for the brilliant beauty of its flowers and the long continuation of bloom. Pansy seed is a specialty, and we have not only a large collection of varieties, but also the very best seed of each variety.

272 Giant Odier . The flowers, of immense size, are of the pop- ular Odier type, be- ing all three-spotted or five-spotted on back-grounds of very rich colors, the flow- ers are of good sub- stance and fine form, plants are of neat, compact growth. $\frac{1}{8}$ oz., 85c; oz., \$6.00; pkt., 15c.	
273 Odier, or Blotched . Superb, large-eyed flowers of very good shape, and beautifully blotched with rich and varied col- ors. $\frac{1}{6}$ oz., 60c; oz., \$4.00.....	

GIANT ODIER.



PANSIES.

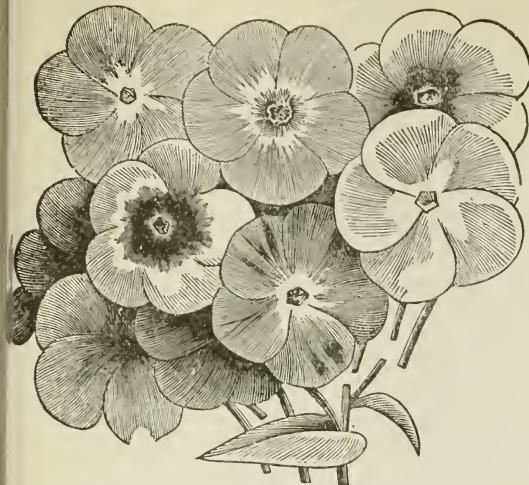
274 **Pheasant's Eye** (*Rainbow*). Upper petals sky-blue, edged with violet, the lower petals are mostly purple, sometimes on a white, some-
times on a yellow ground, marble and
spotted. $\frac{1}{4}$ oz.,
50c; oz., \$1.50..

	PER PKT.		PER PKT.		
275 Prince Bismarck.	Beautiful shades of brown and golden-bronzed marbled. $\frac{1}{4}$ oz., 50c; oz., \$1.50.....	5	288 Petunia Hybrida.	Finest mixed. A good mixture, embracing all colors, including striped and blotched varieties, very profuse flowering and excellent for bedding or massing. $\frac{1}{4}$ oz., 80c.....	10
276 Snow Queen.	Flowers of a delicate pure satiny-white. $\frac{1}{4}$ oz., 50c; oz., \$1.50.....	5	289 Hybrida.	Mixed. Good imported seed. Oz., 50c.....	5
277 King of the Blacks, or Faust.	Flowers intensely black, almost coal-black. $\frac{1}{4}$ oz., 40c; oz., \$1.25.....	5	290 Large flowering.	Fine Mixed. All colors. 15	
278 Lord Beaconsfield.	Large flowers of deep purple violet, shading off in the top petals to a white hue, highly effective. $\frac{1}{4}$ oz., 40c; oz., \$1.25.....	5	291 Blue Veins.	Fringed. Elegant flowers, deeply fringed, of various shades of purple, rose and lavender, delicately veined and penciled.....	20
279 Emperor William.	Flowers of a splendid ultramarine blue, with a well-defined purple-violet eye. $\frac{1}{4}$ oz., 40c; oz., \$1.25.....	5	292 BEST DOUBLE PETUNIA.	The Double Petunia produces no seed and but little pollen—which is carefully used to fertilize the finest single flowers—and from these the seed is saved. In raising plants from this seed great care should be taken to preserve the smallest and weakest plants, as these are the ones that bear the finest double flowers.....	25
280 Dark Purple.	Rich, deep color. $\frac{1}{4}$ oz., 40c. 5		293 PERILLA Nankinensis.	Valuable for bedding and for general effect as an ornamental plant, beautiful, metallic, bronzy-purple foliage. Oz., 20c.....	5
281 Silver-edged.	Dark purple, white border....	5	294 POPPIES. Improved Double Carnation.	Mixed. For dazzling richness and variety of colors, the flowers are unequalled. Simply scatter the seed in the open ground and a mass of beauty will result which will be a constant source of pleasure. Oz., 25c.....	5
282 Striped and Mottled Varieties.	Very fine and exceedingly beautiful. $\frac{1}{4}$ oz., 40c; oz., \$1.25.....	5	295 Double Paeony=Flowered.	Mixed. Splendid large double flowers, all colors. Oz., 20c, 5	
283 Gold=margined.	Strikingly handsome.....	5	296 Somniferum (<i>Opium Poppy</i>).	True, gigantic white, single flowers. Oz., 20c.....	5
284 Pure Yellow.	Large, golden flowers. $\frac{1}{4}$ oz., 40c.....	5	297 THE NEW PHLOXES. (<i>Starred and Fringed.</i>)	These Starred and Fringed Phloxes are really entitled to rank as a new race, and are beyond question the most striking novelties in Phloxes ever introduced, being of unique and indescribable beauty. In the Fringed flowers the petals are partly fimbriate and partly three-toothed, all distinctly bordered with white, which, together with the bright eye of the center, picturesquely contrasts with the magnificent velvety colors, in more than twenty distinct shades. In the Starred Phloxes the pointed central teeth of the petals (five in number) are five to six times as long as the lateral ones and project beyond them like little spines, one-half inch long, giving the flowers a distinctly marked, regular, star-like form, the beauty of which is enhanced by the broad white margins bordering the edges of the petals. 3 pkts., 25c.....	16
285 Large Flowering.	Very fine mixed. Embracing all the separate colors of German Pansies. $\frac{1}{2}$ oz., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25. 10				
286 Good Quality.	Mixed. Fine for bedding, many rich colors. $\frac{1}{4}$ oz., 25c; oz., 85c....	5			
287 PRIZE MIXED.	An extra fine mixture of all the best varieties of show, fancy, striped and spotted Pansies, and also the giant-flowered Pansies of the improved Giant Odier types. $\frac{1}{8}$ oz., 50c; oz., \$3 50. 10				



PETUNIA.

PETUNIA. Most valuable plants, succeeding well everywhere. They are particularly showy in beds or masses, and are universal favorites on account of their richness of color, fragrance and continuous blooming.



PHLOX DRUMMONDII.

PHLOX DRUMMONDII. No flowers are more showy or brilliant than this popular annual which thrives so universally throughout our country. The Improved Grandiflora varieties particularly are exceptionally beautiful.

PER PKT.

- 298 **Fine Mixed.** All colors of the original type of *Phlox Drummondii*. Oz., 60c..... 5
 299 **Alba (Pure White).** Our strain of this is really magnificent, the chaste white flowers being of unusual size and perfect form..10
 300 **Carnea.** A very beautiful Phlox; flowers of a delicate, fleshy pink, with a chamois-rose center.....10
 301 **Large Blood Red.** The darkest colored of all, being of the deepest blood-red color...10

PORTULACA. In brilliancy and beauty of color Portulacas are unrivaled. They delight in sunny situations, where they rapidly carpet the ground, each plant covering a space of about fifteen inches in diameter.

- 302 **Finest Single.** Mixed. In great variety, large flowers of most brilliant colors. Oz., 40c..... 5
 303 **Rose-flowered, White.** Very chaste..... 5
 304 " " **Orange.** Bright..... 5
 305 " " **Red.** Richest..... 5
 306 **Double Rose-flowered.** Mixed. Unsurpassed for brilliancy and beauty. From first-class seed, over one-half of the plants will produce magnificent double flowers; these can be transplanted eight inches apart as soon as they bloom, thus making the entire bed of double flowers.....10

RICINUS (Castor-oil Bean). Picturesque foliage plants that speedily attain gigantic proportions, and are ornamental until destroyed by frost.

- 307 **Gibsoni Coccineus.** The stalks and leaves are of a bright metallic bronze color; the large bunches of fruit are of a burning crimson color..... 5
 308 **Mixed.** Many choice varieties. Oz., 20..... 5

SALPIGLOSSIS (Velvet Flower). One of the most graceful in growth, as well as the most beautiful in flower of the many easily grown garden annuals. The flowers are singularly marked and delicately penciled—in shape somewhat resembling the Petunia.

PER PKT.

- 309 **Mixed.** All colors..... 5

310 **Grandiflora.** The flowers are larger in size, and are most vividly marked, spotted and striped on ground colors of deep blue, rose, dark violet, light yellow, reddish bronze, etc.....10

SCABIOSA (Mourning Bride). The old and well-known Sweet Scabious is not as generally cultivated as it deserves. The perfectly double flowers are useful for cutting; they are gracefully borne upon long slender stems, well above the foliage.

- 311 **Tall German.** Mixed. All colors; height, two feet..... 5

312 **Dwarf, Double.** Mixed. Plants of compact habit, profusely bearing globe-shaped double flowers of great beauty..... 5

- 313 **SALVIA (Flowering Sage).** Of all the Salvias the *Splendens* is the brightest and best, well worthy of cultivation..... 5

314 **SANVITALIA (Procumbens fl. pl.).** Dwarf creeping plant, with profusion of double, bright yellow flowers, compact and effective as border plants..... 5

SCHIZANTHUS. Half hardy annuals, one and one-half feet in height, literally covered with flowers.

315 **Papilionaceus (Butterfly Flower).** A charming variety, marked with violet, yellow, crimson, etc..... 5

- 316 **Mixed.** All colors..... 5

SENSITIVE PLANT. The Sensitive plant is very chaste and elegant in foliage, the leaves being delicately pinnated, while it bears attractive small pink flowers in globose heads. It affords much amusement by its sensitive character—even when slightly touched the leaves close and droop; easily grown.

- 317 **Mimosa Pudica (Sensitive Plant)**..... 5

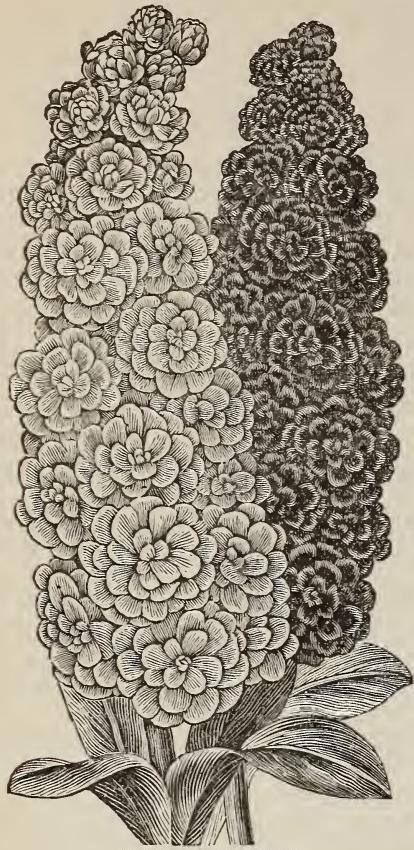
318 **STEVIA SERRATA.** Produces a mass of tiny, star-shaped, pure white flowers. Most excellent for bouquets. The plants grow about eighteen inches high, stems branching freely and almost completely covered with the corymbs of flowers. Very pretty in beds, and almost unequaled for cutting to arrange in bouquets and vases with other flowers. Flowers freely the first season from seed..... 5

- 319 **Saponaria Calabrica.** Mixed. Dwarf continuous blooming annuals for beds and edgings, pink, white, etc., $\frac{1}{2}$ feet..... 5

320 **SWEET SULTAN (Centaurea Svaveolens)** The Yellow Sweet Sultan produces its handsome brush-like, bright-yellow flowers in wonderful profusion; the flowers have long stems, keep well, and are very valuable as cut flowers, finding a ready sale..... 5

SILENE (Catchfly) Suitable for the open border or rock work. Hardy annuals.

- 321 **Armeria.** Different colors, fine mixed..... 5



STOCK, TEN WEEKS.

STOCK, TEN-WEEKS. All the varieties are desirable as pot-plants, as well as in open garden. They are greatly prized for cut flowers, on account of their fragrance and diversity of color. To have a continuous succession of bloom, sow at intervals from the beginning of March to the end of May.

PER PKT.

322 NEW DWARF WHITE PYRAMID. Of very dwarf growth, the little plants are each crowned with magnificent heads of beautifully-shaped, perfectly double flowers, of fine form and paper-white color. The strain is so high-bred that a remarkable percentage comes double. 2 pkts., 25c 15

323 NEW WHITE PERPETUAL (*Cut and Come Again*). Of strong growth and fine branching habit, it grows to the height of one and a half feet, and if sown early will produce uninterruptedly a great abundance of bloom from June until November. The individual flowers are uncommonly large, of a fine, rosette-like shape, and the purest possible white. The flowers appear on each little shoot, and the oftener they are cut the better they seem to like it. 2 pkts., 25c 15

PER PKT.

- 324 RED VICTORIA.** Each plant forms in itself a naturally-grown bouquet, of a beautiful pyramidal shape, the natural branches being symmetrically arranged around the main stem, which is slightly raised in the center, brilliant, double dark blood-red flowers..... 15
- 325 GIANT PERFECTION.** A splendid race, growing two and a-half feet high, with large spikes of perfectly double-flowers of great substance. Mixed..... 10
- 326 Dwarf-German Ten-Weeks.** Fine mixed.. 5
- 327 Large-flowering Dwarf.** Choice mixed... 10
- 328 Mixed.** All colors and kinds..... 5
- 329 TARGETES Lucida.** Even if it never bore its small, bright yellow flowers, this would be well worth growing for its delicate, fern-like foliage, of such powerful and delicious fragrance..... 5
- 330 Patula nana** (*Cloth of Gold*). An attractive, dwarf-growing bedding plant, with very numerous golden-orange blossoms, delicate, fern-like foliage, useful in bouquets and of delicious fragrance..... 10
- 331 TRIFOLIUM Suaveolens** (*Sweet-scented Clover*). A great favorite in gardens on account of its delicately scented flowers, six inches high. Oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50 5
- VERBENAS.** Verbenas flower very quickly from the seed and thrive much better than from cuttings.
- 332 Hybrida.** Mixed. This seed, although so cheap, is really quite good, and embraces all colors. $\frac{1}{4}$ oz., 30c; oz., \$1.00..... 5
- 333 VERBENA HYBRIDA.** Extra fine mixed. From a superb collection of named varieties. Very large in flower and corymbs, and of the richest and most brilliant colors as now perfected, this is superior to the Mammoth Verbena, and is one of the finest strains of Verbena hybrida in cultivation to-day. The seed has been saved not only from a large collection of many bright and pleasing self-colors, but also from the finest varieties of the auricula-eyed type. 2 pkts., 25c; $\frac{1}{4}$ oz., 75c; oz., \$2.50 15
- 334 Italian Striped.** Very showy striped flowers of many bright colors. $\frac{1}{4}$ oz., 75c..... 10
- 335 Scarlet Defiance.** True, brightest scarlet, Intensely rich. $\frac{1}{4}$ oz., \$1.00..... 10
- VIOLAS, or SWEET VIOLET.** Extremely popular in Europe for bedding Violas or Tufted Pansies should be more generally used in America. Sow the seed in May, and when in flower in August or September, transplant into well-enriched beds, assorting as to color or arranging in any design desired. Soon after the snow is off the following Spring they will begin to bloom, and throughout the Spring and early Summer will give a profusion of flowers.
- 336 Admiration.** Deep violet..... 10
- 337 Cornuta alba.** Pure white..... 10
- 338 Perfection.** Fine, light blue 10
- 339 Purple Queen.** Rich, deep purple..... 10
- 340 Finest mixed.** All the above colors. $\frac{1}{4}$ oz., 50c..... 10

	PER PKT.
VINCA (<i>Madagascar Periwinkle</i>). Splendid house and bedding plant, eighteen inches high, with glossy green leaves and circular flower.	PER PKT.
341 Rosea . Fine rose color.....	10
342 Rosea alba . White rosy eye.....	10
343 Alba pura . Clear, pure white.....	10
344 Mixed . The above three varieties.....	5
VISCARIA (<i>Rose of Heaven</i>). Adapted either for beds, edgings or clumps, their profuseness of bloom will always rank them among general favorites. Hardy annuals.	
345 Fine Mixed . One foot.....	5
ZINNIAS . No flowers are more easily grown from seed sown in the open ground, and few bloom so continuously throughout the entire Summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection to which the newer strains have attained.	
346 Choice, Double . Mixed. All colors.....	5
347 Superb, Double . Mixed. Perfectly double flowers, of grand form, large size, brilliant colors	5
348 Mexicana . Small, single, yellow flowers....	5

349 **Tenuiflora**. Of dwarf habit, a good grower. succeeding everywhere, and desirable as a border plant. Sown where they are to bloom, in rows, they make a striking effect, the plants bear upright, small, single, dark carmine flowers in profusion.. 5

350 **Haageana fl. pl.** Of elegant habit, making a circular bush of two and one-half feet in diameter and only eighteen inches high, almost entirely covered with small, perfectly double flowers of an intensely rich, orange yellow color; fine for cutting..... 5

MIXTURE. The following mixture is carefully prepared from choice fresh seeds and cannot fail to give satisfaction. The packets are liberally filled, and in no other manner can so many seeds be obtained for such light cost.

351 WILD FLOWER GARDEN MIXTURE.

These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild-flower garden. They are very useful for woodland walks, roadsides, railroad embankments, and for sowing alongside of fences and on any untidy, bare spots of ground which are so frequently unsightly and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the Summer. Oz., 25c.....10

SEEDS OF ANNUAL CLIMBERS.

In the flower garden and for the adornment of rural homes, no class of flowers is more useful than these. Many a trellis, fence, tree-stump or veranda, otherwise unattractive, can be rendered beautiful by planting seed of rapid-growing Climbers. We recommend a liberal use of seeds of a number of varieties. By a careful reading of the following list a judicious selection can easily be made.

On all orders for **SEEDS IN PACKAGES** the purchaser is entitled to select **25 Cents WORTH EXTRA** for each **ONE DOLLAR** sent us for *Seeds in Packets*.

	PER PKT.	PER PKT.
360 BALLOON VINE (<i>Cardiospermum</i>). The Balloon or <i>Love-in-a-Puff</i> , is of rapid growth, with pretty foliage and inflated capsules	5	365 Mixed . Both scarlet and white. Oz., 25c.... 5
361 CANARY BIRD FLOWER . This is one of the most beautiful of Climbers, with handsomely fringed, rich yellow flowers and delicate foliage.....	5	366 Scarlet, Ivy-leaved . Deeply lobated, ivy-like leaves, with fork-like racemes of countless fiery orange-scarlet flowers. Oz., 25c..... 5
362 COBEA Scandens . This is one of the most beautiful climbing annuals, and is very easily grown. It has elegant, graceful flowers, of large size, resembling fox-gloves in shape, and of a rich rosy-purple color. The foliage is also extremely beautiful, of velvety texture.....	10	367 Striped . Large, handsome flowers of great beauty. On a white ground they are variously striped and blotched with red, blue and rose..... 5
CYPRESS VINE . One of the most elegant vines, delicate fern-like foliage, and beautiful star-shaped flowers.		368 Fine Mixed . Embracing a great variety of colors. Oz., 10c..... 5
363 Scarlet . Intensely rich scarlet.....	5	DOLICHOS (<i>Hyacinth Bean</i>). Of very rapid growth, the old Haycynth Bean makes a very dense and attractive screen.
364 White . Purest paper-white	5	369 Lablab . Purple and white mixed..... 5

Order all Flower Seeds by the Numbers, it is not necessary to give Names.

If you don't see what you want in this Catalogue, write us. We handle all Seeds known to the Trade.

Seeds of Annual Climbers—Continued.



PUMULUS JAPONICUS, OR JAPANESE HOP.

PER PKT.

- 370 **HUMULUS Japonicus** (*Japanese Hop*). A very ornamental and extremely fast growing Climber. While the foliage resembles in shape that of the common hop it has more incisions, is very dense, and of a lively green; the stems and leaves are somewhat rough and hairy. The principal and most valuable feature of this new climbing plant is that it can be sown in the open ground in Spring, and that it attains enormous dimensions very quickly.....10

- IPOMOEA.** Rapid-growing, tender annuals, with ornamental foliage and most beautiful varied colored flowers. Valuable Climbers for the garden and as easily grown as the Morning Glory.

- 371 **Bona Nox** (*Good Night, or Evening Glory*).

Most beautiful large flowers.....5

MAURANDYA. Charming Climbers, elegant alike in foliage, and from their graceful growth are well suited for hanging baskets, vases and light trellis.

PER PKT.

- 372 **Barclayana.** Rich violet blue; ten feet.....10

- 373 **Finest Mixed.** Blue, white and mauve.....5

- 374 **THE MOON FLOWER, the Original Variety.** This variety makes an immense growth of vine and dense foliage, but must be started early to flower in the North. The large flowers are some a beautiful blue and others pure white in color. Even when it does not bloom it is one of the handsomest vines in cultivation, on account of its quick-growing and dense foliage, which is not torn by wind or rain. The leaves are of a bright, glossy-green color, uniformly heart-shaped.....10

- 375 **MINA LOBATA.** The flowers appear on fork-like racemes, rising almost erect out of the dense and luxuriant foliage; they are as buds, at first bright red, but change through orange-yellow to yellowish-white when in full bloom. It is a very rapid-growing climber, forming pyramids of over eighteen feet in height.....15

- 376 **MOMORDICA Balsamima** (*Balsam Apple*). A very beautiful climbing plant, with handsome apple-shaped fruits.....5

- 377 **Charantia.** (*Balsam Pear*). Rapid-growing climber with very beautiful fruits, of a rich golden yellow color, which, when ripe, open, disclosing the seeds encased in a carmine covering. The fruits, preserved in alcohol, make a most useful liniment. Oz., 50c.....5

- NASTURTIUM.** The *Tropæolum Majus*, or Tall Nasturtiums, are among the easiest grown and prettiest and thrive on poor soil. Free-bloomers, and the green seed-pods make excellent pickles.

- 378 **Majus, Finest Mixed Tall Nasturtium.** Many bright colors. Oz., 15c.....5

- 379 **TROPÆOLUM Lobbianum**.....5

- ORNAMENTAL GOURDS.** A large and interesting class, producing a great variety of curious fruits, many of which are peculiarly marked. All the fruits are hard-shelled, and will keep for years, exciting much attention.

- 380 **Mixed**.....5

- THUNBERGIA.** Very elegant, slender-growing Climbers, rapidly covering wire trellises, and also useful for vases in the garden or house. The colors are pure white, light yellow, and deep orange, and of each color there is a variety with white eye and also with black eye—the latter often called “Black Eyed Susan.” They continue in flower all Summer.

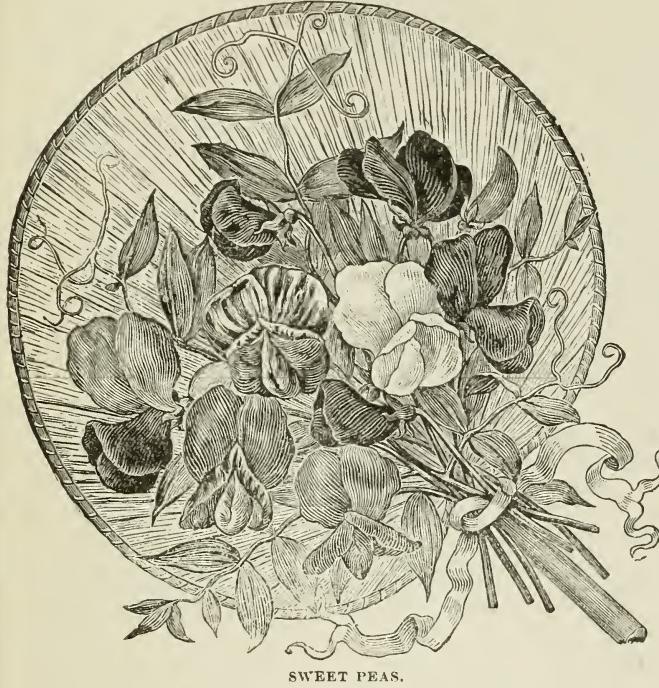
- 381 **Mixed.** Six varieties.....5

REMEMBER.—On all Orders for Seeds in Packets (whether Vegetable, Farm or Flower Seeds), the purchaser may select twenty-five cents' worth extra for each **One Dollar sent us**. Thus any one sending us \$1.00, can select seeds in packets amounting to \$1.25; for \$2.00, seeds in packets to the value of \$2.50; for \$3.00, to the value of \$3.75, and so on. This discount applies **only** to seeds in packets, purchaser's selection, and does not apply to seeds by weight or measure.

SWEET PEAS.

(LATHYRUS ODORATUS).

The Sweet Pea has become one of the most popular of cultivated flowers, and admired not only in the largest and best "places," but in the humblest garden. Not only do they readily adapt themselves to circumstances, giving some bloom no matter how unfavorable the conditions, but repay better care and culture, with a proportionate abundance of bloom. Everyone who cultivates flowers should plant Sweet Peas, for the list of distinct and beautiful varieties is now so large that no one will ever tire of them.



SWEET PEAS.

planting. As fast as the flowers come into full bloom they should be cut, for if the pods are allowed to form, the plants will soon stop flowering.

Our list of Sweet Peas includes all of the best varieties, both old and new.

- | | |
|---|--|
| 1 ADONIS. Carmine Rose. Pkt., 5c; oz., 10c; lb., 75c. | 13 DUKE OF CLARENCE. Rosy claret, self-colored flower. Pkt., 5c; oz., 10c; lb., 75c. |
| 2 APPLE BLOSSOM. Bright pink and blush. Pkt., 5c; oz., 10c; lb., 90c. | 14 EMILY HENDERSON. White. Pkt., 5c; oz., 15c; lb., \$1.25. |
| 3 BLANCHE FERRY. White petals, red standard. Pkt., 5c; oz., 10c; lb., 75c. | 15 EMILY ECKFORD. Porcelain, suffused with reddish mauve. Pkt., 5c; oz., 10c; lb., 75c. |
| 4 BOREATON. Dark brown wine color. Pkt., 5c; oz., 10c; lb., 75c. | 16 EMPERRESS OF INDIA. Rosy pink standards, white wings. Pkt., 5c; oz., 10c; lb., 75c. |
| 5 BLUSHING BEAUTY. Soft pink, suffused with lilac. Pkt., 5c; oz., 15c; lb., \$1.25. | 17 FAIRY QUEEN. White, flushed and feathered with pink. Pkt., 5c; oz., 10c; lb., 90c. |
| 6 BUTTERFLY. Pale gray, with distinct porcelain edge. Pkt., 5c; oz., 10c; lb., 75c. | 18 ISA ECKFORD. Creamy white and rosy pink. Pkt., 5c; oz., 10c; lb., 90c. |
| 7 CARDINAL. Crimson scarlet. Pkt., 5c; oz., 10c; lb., 75c. | 19 INDIGO KING. Very dark purple and indigo. Pkt., 5c; oz., 10c; lb., 75c. |
| 8 CARMINE INVINCIBLE. Brightest crimson. Pkt., 5c; oz., 10c; lb., 75c. | 20 IMPERIAL BLUE. Bright blue, rather dark. Pkt., 5c; oz., 10c; lb., 75c. |
| 9 COUNTESS OF RADNOR. Delicate lavender. Pkt., 5c; oz., 10c; lb., 90c. | 21 LOTTIE ECKFORD. Rose and white, edged with blue. Pkt., 5c; oz., 10c; lb., 90c. |
| 10 CROWN PRINCESS OF PRUSSIA. Blush Pink. Pkt., 5c; oz., 10c; lb., 75c. | 22 LEMON QUEEN. Blush pink and lemon. Pkt., 5c; oz., 10c; lb., 75c. |
| 11 DELIGHT. White, crested with crimson. Pkt., 5c; oz., 10c; lb., 75c. | 23 MRS. ECKFORD. White, delicately shaded with primrose. Pkt., 5c; oz., 10c; lb., 75c. |
| 12 DUCHESS OF EDINBURG. Scarlet, flushed with crimson. Pkt., 5c; oz., 10c; lb., 75c. | 24 MISS HUNT. Carmine, salmon and soft pink. Pkt., 5c; oz., 10c; lb., 75c. |

Prices on large quantities, on application. The forty-seven kinds for \$2.00.

SWEET PEAS—Continued.

- 25 **MRS. GLADSTONE.** Delicate soft pink, with rosy blush wings. Pkt., 5c; oz., 10c; lb., 75c.
 26 **MRS. SANKEY.** The purest white, the most perfect form, the largest size, a profuse bloomer and unsurpassed for florist's use. Pkt., 5c; oz., 15c; lb., \$1.25.
 27 **MONARCH.** Dark maroon. Pkt., 5c; oz., 10c; lb., 75c.
 28 **MIXED.** All colors, light and dark. Pkt., 5c; oz., 10c; lb., 75c.
 29 **ORANGE PRINCE.** Orange pink, flushed with scarlet. Pkt., 5c; oz., 10c; lb., 75c.
 30 **PAINTED LADY.** Rosy crimson and blush white. Pkt., 5c; oz., 10c; lb., 75c.
 31 **PRINCESS BEATRICE.** Delicate plush pink, marked with deeper shades. Pkt., 5c; oz., 10c; lb., 75c.
 32 **PRINCESS OF WALES.** White, striped with lavender and mauve. Pkt., 5c; oz., 10c; lb., 75c.
 33 **PRINCESS LOUISE.** Rosy pink standards, wings deep lilac. Pkt., 5c; oz., 10c; lb., 90c.
 34 **PURPLE PRINCE.** Maroon, shaded with bronze purple, wings blue. Pkt., 5c; oz., 10c; lb., 90c.
- 35 **PURPLE STRIPED.** Pkt., 5c; oz., 10c; lb., 75c.
 36 **PRIMROSE.** Pale primrose yellow. Novel and distinct. Pkt., 5c; oz., 10c; lb., 75c.
 37 **QUEEN OF ENGLAND.** White; of large size. Pkt., 5c; oz., 10c; lb., 75c.
 38 **QUEEN OF THE ISLE.** Rose and scarlet, mottled with purple and white. Pkt., 5c; oz., 10c; lb., 75c.
 39 **RED STRIPED.** Pkt., 5c; oz., 10c; lb., 75c.
 40 **ROSE AND WHITE.** Pkt., 5c; oz., 10c; lb., 75c.
 41 **SENATOR.** Chocolate, creamy white. Pkt., 5c; oz., 10c; lb., 90c.
 42 **SPLENDOR.** Coppery crimson suffused with rosy pink; very rich. Pkt., 5c; oz., 10c; lb., 90c.
 43 **SCARLET INVINCIBLE.** Scarlet striped. Pkt., 5c; oz., 10c; lb., 75c.
 44 **THE QUEEN.** Bright pink, shaded with heliotrope. Pkt., 5c; oz., 10c; lb., 75c.
 45 **VEΣUVIUS.** Carmine rose, shaded to a velvety violet. Pkt., 5c; oz., 10c; lb., 75c.
 46 **VIOLET.** Pkt., 5c; oz., 10c; lb., 75c.
 47 **WHITE.** Pkt., 5c; oz., 10c; lb., 75c.

EVERLASTING FLOWERS.

The Everlasting Flowers, with their rich, brilliant colors, are very valuable for Winter decoration. They should be cut as soon as they come into full bloom, tied into small bunches, and dried slowly in the shade, with the heads downward, to keep the stems straight.

PER PKT.

	PER PKT.
393 ARCOLINIUM. Mixed. Rose and white..	5
394 AMMOBIUM. Small white flowers, pretty..	5
395 AGOMPHREN (<i>Globe Amaranth or Bachelor's Button</i>). Mixed. Small, globe-shaped, double flowers of perfect form and bright colors.....	5
396 Nana compacta. Of very compact, dwarf habit, double flowers of a deep violet-red...10	
397 HELIPTERUM Sanfordi. Small, yellow flowers	5
HELICHRYSUM. Fine, large, double flowers of most brilliant colors, often called <i>The Eternal Flower</i> .	
398 Fireball. Flowers of the richest crimson...10	
399 Snowball. Large, double, pure white.....10	
	400 Golden Ball. Rich, golden yellow.....10
	401 Dwarf. Mixed.....5
	402 RHODANTHE Manglesii. Graceful.....5
	403 XERANTEMUM. Mixed. Double flowers.. 5
	404 Superbissimum fl. pl. Purple, pompon-flowering; fine.....10
	405 Superbissimum album fl. pl. A new white.10
	406 MIXED EVERLASTING. A single packet will give in abundance a great variety of the most attractive Everlasting Flowers. No more welcome present can be given a visitor when looking through the flower garden than a bouquet of these imperishable flowers. Three pkts., 25c.....10

ORNAMENTAL GRASSES.

If our customers could see the wonderful variety and graceful forms of the Ornamental Grasses, they would be induced to use them much more largely, particularly when it is considered how indispensable they are in the arrangement of graceful bouquets.

PER PKT.

	PER PKT.	
407 Agrostis nebulosa. Fine and feathery, elegant.....	5	
408 Avena sterilis (<i>Animated Oat</i>). 2½ feet....5		
409 Briza gracilis. Small, graceful racemes....5		
410 Briza maxima (<i>Quaking Grass</i>). Large racemes of beautiful rattles, very ornamental	5	
411 Bromus brizæformis. Drooping panicles, beautiful	5	
412 Chrysurus cynosuroides. Dwarf, with yellowish, feathery spikes, useful in bouquets. 5		
413 Coix lachryma (<i>Fob's Tears</i>).....5		
414 Erianthus Ravannæ. As fine as Pampas Grass.....5		
	415 Eulalia Japonica zebrina (<i>Zebra Grass</i>). Grows five to six feet high, with stripings across the leaves.....15	
	416 Gynerium argentum (<i>Pampas Grass</i>). Flowers the second season; requires protection	10
	417 Hordeum jubatum (<i>Squirrel-tail Grass</i>). Fine	5
	418 Lagurus ovatus (<i>Hare's-tail Grass</i>).....5	
	419 Pennisetum Longistylum. Soft, fuzzy flower heads, extremely graceful in appearance	10
	420 Stipa pennata (<i>Feather Grass</i>). Perennial..10	
	421 Trycholæna rosea. Perennial, but flowers the first season, most beautiful rose-tinted grass	5

SEEDS OF PERENNIAL FLOWERS.

In the following list we describe Biennials and Perennials which live in the garden over Winter, and flower in the Spring and Summer of the following year. While they do not reward the planter so quickly as do Annuals, yet they are well worth waiting for—as they embrace some of the most beautiful flowers—and many of them, with scarcely any care, continue to give a fine display of bloom year after year.

PER PKT.

PER PKT.

422 ALYSSUM (<i>Gold Dust</i>). <i>Saxatile</i> , small, golden-yellow flowers	5	439 Choice mixed. Best varieties.....	5
423 AQUILEGIA (<i>Columbine</i>). Choice double, mixed. Beautiful and varied colors.....	5	440 <i>Scotcus</i> , fl. pl. (<i>Paisley or Florists' Pink</i>). A very pretty double variety of the preceding	5
424 Skinneri. Flowers vivid scarlet, tipped with yellow. About 80 per cent come true from seed.....	10	441 DIGITALIS (<i>Foxglove</i>). Fine mixed. Long racemes of beautifully spotted flowers.....	5
425 ARISTOLOCHIA <i>Siphon</i> . (<i>Dutchman's Pipe</i>). A beautiful, hardy, climbing plant; large, luxuriant foliage with brownish-yellow, heart-shaped leaves and siphon-shaped, rich purple flowers	10	442 HOLLYHOCKS. For majestic growth and massive beauty the Hollyhock stands unrivaled. Flowers very large, perfectly double, and of great variety of color.....	5
426 ASPERULA (<i>Woodruff</i>) <i>Odorata</i> . Found in the dry woods of Great Britain, and much prized everywhere. The flowers are white and fragrant.....	10	443 Double. Fine mixed. Fine double flowers..	5
CAMPANULA (<i>Canterbury Bells</i>). Popular perennials producing bell-shaped flowers of many different colors.		444 Superb Double. Mixed. Of all the brightest and best colors. The perfect doubletess of the magnificent large flowers will please the most critical.....	10
427 Single Varieties. Mixed. Various colors....	5	445 HONESTY (<i>Lunaria</i>). Purple racemes of pretty flowers, which form curious, silvery seed pouches.....	
428 Double Varieties. Mixed	5	446 HUMEA <i>Elegans</i> . Grows six to eight feet, producing long, flowing racemes of ruby-red flowers.....	15
429 CHRYSANTHEMUM, New Fancy Perennial Varieties. It is not generally known that these are quite easily raised from seed, and that seed sown in the Spring will produce strong plants that will flower freely in the Autumn.....	20	447 IRIS <i>Kämpferi</i> (<i>Japan Iris</i>). A perfectly hardy, bulbous plant, with large, showy flowers, pure white and of many shades of blue and purple.....	10
CARNATIONS AND PICOTEEES.		448 LILY OF THE VALLEY (<i>Convallaria</i>)....	10
Large, beautiful and very fragrant flowers, as perfect in form as the rose. Seeds sown in open ground in May or June will flower splendidly the next season. They are nearly everywhere hardy, but in very cold situations should be protected by straw or a few boughs.		LATHYRUS (<i>Perennial Peas</i>). These Perennial Peas, while lacking the delicious fragrance of the Sweet Peas, are equally as beautiful, and are very valuable from the fact that they are in full bloom early in the Spring, before the others have begun to flower. They live year after year, bearing magnificent clusters of flowers. Perfectly hardy, and grow eight to ten feet high.	
430 German. Extra fine, double, mixed. First quality, from choicest flowers.....	15	449 Purple, Clusters of purple flowers.....	5
431 Choice, Double. Mixed. Very good.....	10	450 White. Clusters of the purest white flowers	10
432 Red Grenadin. From 60 to 70 per cent. produce charming double flowers of a brilliant scarlet.....	15	451 Mixed. Easily grown, flowers purple and white.....	5
433 MARGUERITE. These superb new dwarf Carnations have created a great sensation, not only by reason of their fine, double, fragrant flowers, but also because they can be treated as annuals. They flower freely the first season from seeds sown in the open ground.....	10	452 PÆONY. A well-known, hardy, herbaceous plant, with large, double flowers of various shades of rose, crimson, and white.....	15
434 Picotee. Fine, double, mixed. A good strain of double Picotees; edges of petals bordered	15	453 PAPAVER (<i>Perennial Poppies</i>). Choicest mixed. The single perennial Poppies are perfectly hardy and are very attractive among shrubbery.....	5
435 Fancy Picotee. Extra fine, mixed. A superb strain from the finest collection of named varieties.....	25	454 Orientale. The darkest red; magnificent.....	10
436 DELPHINIUM (<i>Perennial Larkspur</i>).....	5	455 PHLOX, Perennial. Choicest mixed. Embracing the newest and best varieties. Clumps of these are gorgeous with brilliant flowers. The fresh seed must be sown in the Fall.....	10
437 Formosum (true). Brilliant blue, white eye. 5		456 PRIMULA Auricula. Fine mixed.....	15
438 DIANTHUS (<i>Perennial Pinks</i>). <i>Plumarius</i> (<i>Pheasant Eye Pink</i>). The original clove pink	10	457 Elatior polyanthus. Choice mixed	10
		458 Vulgaris. The common wild English Primrose	10
		459 PYRETHRUM Parthenium fl. pl. The double Feverfew.....	10

Try Our Collection of Sweet Peas. Forty-seven Kinds for \$2.00.

	PER PKT.
460 Parthenifolium aureum (<i>Golden Feather</i>)	10
461 Roseum (<i>Insect Powder Plant</i>). A fine, hardy plant, with large red, daisy-like flowers. Persian Insect Powder or Bubach is made of the dried and powdered flowers. Oz., 50c.....	10
462 ROCKET . Sweet, mixed. White and purple. 5	5
STOCKS . The Emperor stock frequently lives for several years if protected from frost, the Brompton is a biennial, of branching habit and a profuse bloomer.	
463 Emperor or Perpetual . Fine mixed	10
464 Brompton or Winter . Fine mixed.....	10



SWEET WILLIAM.

Seeds for Greenhouse and Window Culture.

The growth of rare plants from seed is very interesting, and many of the choicest varieties can readily be grown in the house by those who are willing to give them careful attention. For Winter blooming, the seed should be sown in shallow boxes any time during the Spring or Summer. Procure a mellow soil, almost one-fourth sand; sow the seeds on the surface, covering lightly with a little fine, sandy earth; cover the box with a pane of glass, keep darkened, and keep the soil slightly moist until the seeds germinate, when light and air should be admitted by partially or wholly removing the glass, and placing the boxes in a warm, sunny window. When the plants are large enough to handle they should be potted singly into small pots, and afterward removed to six-inch pots for flowering; to insure an abundance of fine bloom in Winter, they should be kept growing vigorously during Summer and Fall, in good rich soil. Florists can rely upon our seed of Begonias, Calceolaria, Cineraria, Gloxinias and Primulas.

At In Greenhouse as well as all other **SEEDS IN PACKETS** the purchaser is entitled to select **25 CENTS WORTH EXTRA** for each **ONE DOLLAR** sent us for Seeds in Packets. **At**

	PER PKT.
472 AGAPANTHUS Umbellata (<i>Blue Lily of the Nile</i>). This is a splendid ornamental plant, bearing large clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant than this for out-door decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in Winter, requiring but slight protection. It is a rapid grower, and increases in size and beauty every year; the chief point in its cultivation is to divide the plants before the pots or tubs become overcrowded with roots. With the most ordinary kind of care it is a plant that will last for ever.....	10

ASPARAGUS, Plumosus. A greenhouse climber, with exquisitely graceful and feathery lace-like foliage; extensively grown by florists for cutting purposes.....

	PER PKT.
SWEET WILLIAM . As now improved they make matchless border plants, with heads of bloom of great size and wonderful beauty, should be in every garden, height one and one-half feet.	
465 Single . Mixed. A splendid strain, flowers of many bright colors, large size, and varied markings, including the finest auricula-eyed varieties.....	5
466 Dunetts . Beautiful, rich crimson.....	5
467 Double . Mixed. Fine double flowers, which, however, to our fancy, are not so beautiful as the single.....	5
468 TRITOMA Uvaria Grandiflora (<i>Red-hot Poker Plant</i>). A most gorgeous plant, grown either singly or in masses, brilliant flowers, spike nearly a foot in length, golden-yellow to dazzling scarlet.....	10
VIOLA (<i>Violet</i>). The popular Sweet Violet flowers very early in the Spring, but the seed often requires many months to germinate.	
469 Odorata (<i>Sweet Violet</i>). Blue.....	10
470 WALLFLOWER Fine German, Double . Mixed. Spikes of deliciously fragrant double flowers, combining many shades of color, chocolate and orange purple predominating. Sow early in hot-bed and prick out the small plants into pots, sink the pots in the earth and in Autumn remove to the house, where they will bloom all Winter.....	
471 Single . Mixed.....	

BEGONIA, Tuberous-rooted hybrids. These charming and showy Begonias, with their orchid-like flowers and rich tropical foliage, can be raised planted in light, moderately rich soil, with a liberal mixture of sand. Seedlings raised from sowings made early in the year will bloom freely in the course of the Summer, but not so freely as those of greater age.

PER PKT.

473 Tuberous-rooted Begonias, Extra . Fine mixed seed of single varieties.....	25
474 CALCEOLARIA Hybrida . Splendid mixed. One of the most beautiful of house plants, bearing hundreds of showy, pocket-like flowers of various colors, including handsomely spotted and tigered.....	25

BEAUTIFY YOUR HOME WITH FLOWERS.

	PER PKT.		PER PKT.
475 Finest Double-flowering Begonias.....	35	485 FERNS.	Mixed, embracing seeds (spores) of many desirable varieties of these graceful plants.....
476 CENTAUREA Gymnocarpa. White foliage.	10		25
477 Candidissima. White leaved; beautiful.....	15		
478 CHRYSANTHEMUM Indicum. Finest double	15		
479 CHRYSANTHEMUM Frutescens. The well-known <i>Paris Daisy</i> , produces large, white, star-like flowers most profusely.....	15		
CINERARIA. The Cineraria is one of the brightest and best of house plants, blooming most profusely during the late Winter and early Spring. When in full flower the plants present a gorgeous sight, being each covered with one mass of bloom of richest colors — crimson, magenta, violet, blue, and variegated. Seeds should be sown from May to August, when they will bloom the first Winter. Keep the plants in a cool, shady place during the Summer.			
480 Hybrida. Fine mixed. All colors.....	15		
481 Hybrida. Large flowering. Finest mixed. Flowers measuring two inches across, of rich colors.....	25		
482 COLEUS. Fine mixed. Leaves of all shapes, shades and colors, mostly having a velvety appearance	15		
			
CYCLAMEN PERSICUM.			
CYCLAMEN Persicum. Most charming bulbous-rooted plants, with beautiful foliage, variegated in different shades of green, and richly colored orchid-like flowers. They are universal favorites as pot plants for Winter and Spring blooming. If the seed is sown early, in sandy loam, they make flowering bulbs in one season. After flowering, the bulbs should be allowed to rest in a dry state over Summer.			
483 Persicum. Splendid mixed. All colors.....	15		
484 FUCHSIAS, Double and Single. Mixed. It is not generally known that Fuchsias can be raised very easily from seed, and will flower freely the first year in the open ground, while the plants can be taken in the house in the Winter, where they will flower still more freely. We offer the very finest mixture of double and single Fuchsias, saved from splendid varieties.....	25		
485 FERNS. Mixed, embracing seeds (spores) of many desirable varieties of these graceful plants.....	25		
GERANIUMS. These favorite plants are easily raised from seed, which will frequently reward the cultivator with charming new varieties. Plants from seed started early in the house will bloom the first Summer in the garden.			
486 Zonale. Mixed.....	10		
487 Zonale. Choice mixed. Saved from the best varieties of single Geraniums.....	15		
488 Fancy mixed Pelargoniums (<i>Lady Washington Geraniums</i>). Very choice and rare varieties	25		
489 Finest Double. Produces a good percentage of fine double flowers. Packet of twenty-five seeds.....	50		
490 Apple Scented. This favorite, with sweet-scented leaves can best be grown from seed; sow in light soil and keep moist until they germinate.....	25		
GLOXINIAS. A splendid class of house-blooming bulbous-rooted plants, flowering in great profusion during the Summer months. The handsome bell-shaped flowers embrace a great variety of the richest and most beautiful colors; the bulbs must be kept warm and dry during the Winter.			
491 Large Flowering Hybrids. Mixed. From a grand collection, comprising the most superb spotted and blotched.....	25		
492 LANTANA. Finest mixed. Well-known shrubby plants, with clusters of Verbena-like flowers; make a grand display the first season. Large bushes of these in full flower all Summer were much admired and visitors expressed surprise that so fine a display could be obtained from spring-sown seed.....	10		
493 LEMON VERBENA. The delightfully fragrant foliage of this favorite plant makes it very desirable for cutting; it is easily grown from seed.....	10		
494 LINARIA Cymbalaria (<i>Kenilworth Ivy</i>). The very pretty trailing species for covering rockwork, stumps, and for vases and hanging baskets.....	25		
495 MUSA ENSETE (<i>The Abyssinian Banana Tree</i>). Strikingly effective as single specimens upon the lawn as well as in clumps or masses. The rapidity of its growth is astonishing, if the seed is sown early in hot-beds and repotted several times, the plants will attain the height of eight feet the first Summer. They can be stored in a cellar during the Winter with a covering of soil, or planted in a tub, watered sparingly, and will attain gigantic proportions the second season. The leaves are magnificently long, broad and massive, of a beautiful bright green. Packet of five seeds	25		
496 PASSIFLORA Cœrulea (<i>Passion Flower</i>)..	10		

Order Flower Seeds by NUMBER, the name is not necessary.

Food for Flowers is a cheap and effective food for all house or garden plants.
Package by mail 40c., post-paid.



CHINESE PRIMROSE.

Primula Sinensis Fimbriata.

FRINGED CHINESE PRIMROSE. The *Chinese Primrose* is the most beautiful and satisfactory

of all house plants for Winter blooming, and it is as easily grown as a geranium. It is never attacked by insects, and will even thrive in a window where there is but little sun, and where few other plants would bloom. Seeds sown from April to July will produce plants that will flower most profusely throughout the following Winter.

PER PKT.

498	PRIMULA, Alba Magnifica. Flowers, borne in large trusses well above the foliage, are pure white, with large, bright, yellow eye.	25
499	Splendid mixed, large flowering. A grand mixture, embracing the above and many other finest fringed, large flowering varieties	20
500	SMILAX (Myrsiphyllum Asparagoides.) The popular <i>Boston Smilax</i> is the most desirable window vine on account of its charming, glossy green, elegant and graceful foliage, while for florists' use it is as essential as roses. Oz., 75c; $\frac{1}{2}$ oz., 40c....10	
	VINCA. Handsome, bushy plants, producing freely round single flowers one and one-half inches across, suitable for pot culture and sunny flower beds; tender perennial, one and one-half feet.	
501	Rosea. Bright rose.....	10
502	Rosea alba. White, with rose eye.....	10
503	Alba pura. Pure white	10
504	Mixed. Above varieties.....	5

Florists will do well to get our special prices before buying elsewhere.

SUMMER FLOWERING BULBS.

The Summer-flowering Bulbs for Spring planting contained in the following list are *inexpensive*, *very easily grown* and produce some of the most showy and beautiful of all Summer and Autumn flowers. There are but few flowers that can compare with the noble and brilliant spikes of the Gladiolus, the grace and elegance of the Lily, the purity and sweetness of the Tuberose, the majestic foliage of the Caladium, or the wonderful markings of the Tigridia. They require scarcely any care, and quickly make a gorgeous display, while the bulbs can be kept over Winter, and will, year after year, continue to return a hundred fold (in beauty and satisfaction) the trifling expense of the original cost. I have priced these Bulbs very low, to bring them within the reach of all. They are in splendid condition, fine, large Bulbs, properly stored, and will be sent securely packed in the same parcels with flower or vegetable seeds. My prices are for choice Bulbs, **post-paid, by mail**, to any address in the United States.

AMARYLLIS. Beautiful flowering bulbs, which should find a place in every garden. They force readily, and by proper care can be had in bloom during the whole year.

Formosissima (*Jacobæan Lily.*) Crimson, blooming early in the Summer. The flowers have a most graceful appearance. 30c each; \$3.00 per doz.

Johnsoni. Very large flower of a rich crimson scarlet color, striped with white. 75c each; \$7.00 per doz.

Hybrids of Vittata. White ground, striped with red. 75c each.

Hybrids of Vittata. Red ground, striped with white. 75c each.

AMORPHOPHALLUS RIVIERI. A remarkably distinct and pretty Aroid of easy culture, especially adapted for sub-tropical bedding or for the mixed border, producing a solitary Palm-like leaf on a tall stout stem which is curiously spotted and speckled with rose and olive green. The flower is similar in shape to the Calla Lily,

the outside being of a similar color to the leaf stem; the inside is deep blood-red, veined with black.

First size, strong tubers, 50c each; \$5.50 per doz. Second size, strong tubers, 30c each; \$3.00 per doz.

CINNAMON VINE.

Dioscorea batatas. Beautiful Summer climber; glossy foliage and fragrant flowers; stem dies down in Winter, but the root is hardy. Large roots, 5c each; 50c per doz.

Tuberous-Rooted Begonias.

Our mixed tubers are all from varieties with splendid flowers, of fine form and substance, of dwarf growth, well adapted for bedding, and present in unsurpassed mixture all the following distinct colors: Bronze, yellow, crimson, dark crimson, magenta, orange, scarlet, pink, red, rose and white. They are covered with bloom the entire season; the gorgeous tropical effect for bedding can scarcely be imagined.

Single varieties in finest mixture, 15c each: four for 50c; \$1.50 per doz.

SUMMER FLOWERING BULBS—Cont'd.

BUTTERFLY GLADIOLUS. Choice mixed sorts. Each, 10c; doz., 75c.

HYACINTHUS CANDICANS (*Giant Summer Hyacinth*). Luxuriant, free-growing Summer-flowering plant, spreading two to three feet, throwing up great, tall spikes four to five feet in height, each bearing twenty to thirty large white bell-shaped flowers; of easiest culture and splendid for groups. If planted in the center of beds of scarlet Gladiolus, the effect is magnificent. Each, 10c; doz., \$1.00 or extra large bulbs, each, 15c; doz., \$1.50.



BUTTERFLY
GLADIOLUS.

IPOMOEA MEXICANA (*Mexican Morning Glory*). A distinct and pretty Mexican species, bearing fine clusters of large, purplish rose-colored flowers; it grows rapidly and succeeds in almost any position; as a plant for covering arbors, verandahs, etc., it is invaluable; being tuberous-rooted, it may be Wintered like a Dahlia. Each, 35c; doz., \$3.00.

TIGRIDIA **Shell Flower.** Curious and beautiful Summer flowering bulbs, producing large, gorgeous flowers, exquisitely spotted, flowering from July to October. The bulbs can be planted about the middle of May, and taken up in October and kept over Winter in dry sand.

Conchiflora. Orange, with crimson spots. Each, 10c; doz., \$1.00.

Pavonia Grandiflora. Red, with yellow spots. Each, 10c; doz., \$1.00.

Grandiflora Alba. Large ivory white flowers, spotted with maroon and rosy lake in center. Each, 10c; doz., \$1.00.

TUBEROSES. One of the most delightful of the Summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March, in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the first of May.



EXCELSIOR PEARL TUBEROSE. 50c; 100, \$3.50.

Dwarf Pearl. Each, 5c; doz., 35c; 100, \$2.50. **Tall Double.** Each, 5c; doz., 35c; 100, \$2.50.

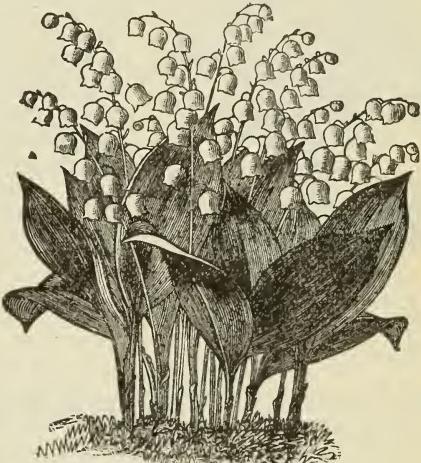
LILIES. **Longiflorum.** The well-known Garden Lily; flowers trumpet-shaped, six to eight inches long; height, one and one-half to two feet. Each, 25c; doz., \$2.50.

Tigrinum Splendens (*Improved Tiger Lily*). Very large flowers; orange-salmon, spotted black. Each, 25c; doz., \$2.50.

Tigrinum Flore Pleno (*Double Tiger Lily*). Immense double bright orange-red flowers, spotted with black. Three to five feet. Each, 25c; doz., \$2.50.

Album. Purest white. Each, 30c; doz., \$3.00. **Rubrum.** White, shaded with deep rose and spotted red. Each, 20c; doz., \$2.00.

Auratum (*The Golden Rayed Lily of Japan*). Grandest of all the Lily family, flowers pure white, with crimson spots, through the center of each petal runs a clear golden band, flowers measure nearly a foot across, produced abundantly, deliciously fragrant, two to five feet. First size bulbs, each 35c; doz., \$3.00.



LILY OF THE VALLEY.

LILY OF THE VALLEY (*Convallaria Majalis*). One of the most charming of our Spring-flowering plants. Its slender stems, set with tiny bells, diffusing a delicious odor, have rendered it a universal favorite. They are entirely hardy, and delight in a shady, well-enriched border. Strong clumps for out-door planting delivered until April and after September 1st. Each, 50c.

MADEIRA VINE. The old favorite Climbing Mignonette. Thick glossy leaves, and long, hanging stems of feathery fragrant flowers, Each, 5c; doz., 50c.

OXALIS, Summer Flowering. Valuable for edging walks, flower beds, etc. Bulbs planted three inches apart form rounded rows of delicate foliage, about one foot high, which produce flowers in endless succession.

CHINESE PÆONIES. The herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary soil, well enriched with good manure. During the Summer month mulching will be beneficial to the roots, especially on dry soils. We offer a splendid assortment, embracing all the leading shades, white, pink, rose, purple, etc., etc. Each, 30c; doz., \$3.00.

SUMMER FLOWERING BULBS—Cont'd.

SPOTTED CALLA (*Richardia Alba Maculata*).

The leaves of this variety are deep green, with numerous white spots, which give the plant a very ornamental appearance. The flowers are pure white, with a black center. They grow freely, either in-doors or out. 20c each; \$2.00 per doz.

WHITE CALLA (*Richardia Aethiopica*).

The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in Winter is one of our best window plants. To aid profuse blooming, keep them dormant from the middle of June to last of August, repot in good rich soil, using a four to six-inch pot, give water, light and heat in abundance, and the result will be most satisfactory. Dry bulbs, 20c each; \$2.00 per doz.; extra large, 30c each; \$3.00 per doz.

CALADIUM ESCULENTUM.



ELEPHANT'S EAR.

Elephant's Ear.
Grand tropical-looking plant, producing enormous leaves three to four feet long. A favorite for specimens on the lawn. Height, four to five feet. (See cut).

Extra size bulb,	10 to 12 in. circumference.....	75c
First " "	8 to 9 " "	50c
Second " "	6 to 7 " "	25c
Third " "	4 to 5½ " "	15c

Ever-blooming French Cannas.

Capt. P. de Suzzoni. A tall growing variety, deep yellow, lightly spotted with red, so that the general effect at a distance is yellow. As a companion to Trocadero it is excellent; large flower and fine green foliage. Each, 25c; doz., \$2.50.

Egandise. A fine dark foliaged variety, with flowers of a soft currant red, very distinct and striking in appearance. Each, 25c; doz., \$2.50.

FRANCOISE CROZY. The color is of unique shade of apricot, bordered with bright yellow.

Horace Choisel. Deep rich magenta, strong, compact grower, a very fine variety.

J. D. Cabos. Another dark foliage variety, with flowers of very rich orange, tinged with apricot. As a contrasting variety in foliage and flower it is unsurpassed. Each, 30c; doz., \$3.00.

M. Laforcade. Bright, orange-scarlet flowers, coffee-colored foliage, dwarf, compact grower, very fine.

MAD. CROZY. Resembles Francois Crozy, finer. Each, 30c.

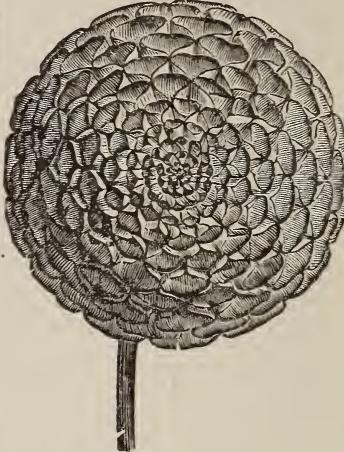
Pres. Hardy. Deep orange, mottled with rich chrome yellow, a unique and pretty variety. Each, 25c.

Pres. Carnot. A majestic variety with dark chocolate foliage, flowers deep scarlet, large and beautifully rounded. Each, 20c.

TROCADERO.

A grand sort in flower and foliage. The blooms are a deep crimson lake of the richest shade, and are borne in wonderful profusion. Twenty-seven separate heads of flowers, were counted on a single plant. Price for any of the above, except where noted; each, 30c; doz., \$8.00.

Choice Mixed Canna Roots. Our selection; each, 15c; doz., \$1.50, post-paid.



DAHLIA.

DAHLIAS

Too well-known to need any description. We can supply roots of any of the following colors. Red, White, Purple, Lilac, Rose, Yellow, Brown, Red Spotted, Blue, Canary, Straw Colored and Variegated. 20c each; \$2.00 dozen.

MIXED GLOXINIAS. These comprise all shades of color and erect, horizontal and pendulous flowers; for those who do not care about special color they will be found very desirable, as only fine varieties have been kept, the poor and dull colors having been discarded. 20c each; \$2.00 per doz.

GLADIOLUS. Our bulbs of this magnificent flower includes only the very finest varieties. Our mixtures will be found of a high standard of excellence. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. The cultivation of Gladiolus is very simple, as they will thrive in any good garden soil, but amply repay good care and liberal feeding by enhanced size and beauty.

All Colors. Mixed. Each, 5c; doz., 30c; 100, \$2.00.
Extra Choice. Mixed. Each, 5c; doz., 40c; 100, \$2.50.

Scarlet and Crimson Varieties. Mixed. Each, 5c; doz., 30c; 100, \$2.00.

White and Light Varieties. Mixed. Each, 5c; doz., 50c; 100, \$3.25.

Yellow Varieties. Mixed. Each, 5c; doz., 50c; 100, \$3.25.

Pink and Variegated Varieties. Mixed. Each, 5c; doz., 40c; 100, \$2.50.

Separate Colors of Red, Scarlet, Crimson, White, Yellow, Pink, Variegated, Rose or Striped. Each, 10c; doz., 75c.

ROOTS.

HORSE RADISH.

Per 100	65c; per 1000, \$5.75
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ASPARAGUS.

Columbia Mammoth White	per 100, 70c; per 1000, \$6.50
Palmetto	per 100, 60c; per 1000, \$5.50
Colossal	.....	per 100, 60c; per 1000, \$5.50

RHUBARB.

Linneaus	.....	per 100, \$1.50; per 1000, \$12.00
New Giant	.....	per 100, \$1.50; per 1000, \$12.00
Victoria	.....	per 100, \$1.25, per 1000, \$10.00

IMPORTED DUTCH BULBS.

In Fall we have a complete and well selected assortment of Dutch Bulbs, our own importation, direct from the best Bulb growers. Our assortment consists of Hyacinths, Tulips, Crocus, Narcissus, Snowdrops, Anemones, etc., etc., all of which should invariably be planted in the Fall. Price List ready in September and mailed free on application.

REMEDIES FOR INSECTS AND FUNGUS.

Hammond's Slug Shot	.....	5-lb. pkgs, 25c; 10-lb. pkgs, 50c; cartoon, 15c
London Purple	.....	per lb., 25c
Paris Green	.....	per lb., 25c
Persian Powder, or Bubach	.....	per lb., 40c
Lemon Oil	.....	in pint tins, each, 40c; qts, 75c; per gal., \$2.75
Hellebore	.....	per lb., 25c
Carbolized Soap	.....	1-gal. cans, \$1.00
Nicotine	.....	per pint, \$1.50
Lenox Concentrated Bordeaux Mixture	.....	1-gal. cans, \$1.00
Tobacco Dust, fine	.....	.lb., 10c; 5 lbs., 35c; 10 lbs., 65c
Tobacco Soap	.....	per lb., 35c
Whale Oil Soap	.....	.lb., 15c; 2 lbs., 25c; 5 lbs., 60c
Thrip Juice	.....	$\frac{1}{2}$ -pt. can, 30c; 1-pt., 50c; 1-qt., 75c; 1-gal. \$2.00; 5-gal. keg, \$7.00
Guicide Powder	.....	5-lb. pkg., 50c; 25 lbs., \$1.75
Bordeaux Mixture	.....	25-lb. pkg., \$1.00
Copperdine	.....	per qt., 50c; 1-gal. cans, \$1.50
Grape Dust, Hammond's	.....	5-lb. pkg., 35c; 100-lb. keg, \$5.00
Flour-of-Sulphur	.....	per lb., 10c; 10 lbs., 60c
Sulpho-Stearite Powder	.....	5 lbs., 60c; 25-lb boxes, \$1.50

Should any of the above be sent by mail, 15c per lb. must be added to pay postage.

FERTILIZERS.

Pure Bone Meal.....	5 lbs., 25c; 25 lbs., \$1.00; 100 lbs., \$2.00; 200-lb sack, \$4.00
Pure Bone Flour.....	5 lbs., 25c; 25 lbs., \$1.25; 100 lbs., \$3.00; 200-lb sack, \$5.00
Coarse Bone.....	5 lbs., 25c; 50 lbs., \$1.50; 100 lbs., \$2.50; 200-lb sack, \$4.00
Nitrate of Soda.....	50 lbs., \$2.25; 100 lbs., \$4.00; 200 lbs., \$7.50
Odorless Phosphate.....	bags of 200 lbs., \$3.00
Lawn Dressing.....	5 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.50; 200 lbs., \$4.00
Tobacco Stems.....	per bale, \$2.00
Kitchen Garden Fertilizer.....	5 lbs., 25c; 50 lbs., \$1.25; 100 lbs., \$2.50; 200 lbs., \$4.00
Peruvian Guano.....	lb., 10c; 25 lbs., \$1.50; 100 lbs., \$4.50
Bowker's Ammoniated Food for Flowers,	large pkg., 25c, by mail, 40c; small pkg., 15c, by mail, 25c
Hanson Flower Food.....	price, 15c, 25c, and 50c
Land Plaster, or Gypsum.....	bbl., about 275 lbs., \$1.75; 5 bbls., \$8.50; f. o. b. St. Louis In lots less than barrel, 2c per lb.
Plaster Paris.....	per lb., 2c; bbl., \$2.75
Disinfecting Lime.....	per bbl., \$1.80



POULTRY SUPPLIES.

Pratt's Poultry Food (the best on the market), 26-oz. pkg., 25c., if by mail 25c. must be added; 5-lb. pkg., 60c.

Wilbur's Egg and Poultry Food, 2½-lb. pkg., 25c.

Sheridan's Condition Powder, single pkg., 25c., 5 for \$1.00; 2-lb. can, \$1.20.

Rust's Egg Producer, 1-lb. pkg., 25c.; add 16c. if to be sent by mail.

Raven's Food, 1-lb. pkg., 25c.; 2-lb. pkg., 45c.; 5-lb. pkg., \$1.00.

Climax Condition Powders..... Pkg., 25c.; add 15c. if to be sent by mail.

Patent Stoneware Drinking Fountains for Poultry, Pigeons and Bees. The best and cheapest in the market; thousands of them in use.

½-gallon, weight 3 lbs..... 25c.

1 gallon, weight 6 lbs..... 35c.

2 gallons, weight 12 lbs..... 50c.

Porcelain Nest Eggs..... Each, 5c.; per dozen, 50c.

Buckwheat..... 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.50

Cracker Bone..... Per lb., 4c.; 10 lbs., 35c.; 100 lbs., \$3.15

Bone Meal..... Per lb., 3c.; 10 lbs., 25c.; 100 lbs., \$2.00

Crushed Oyster Shells..... 10 lbs., 25c.; 25 lbs., 50c.; 100 lbs., \$1.50; 200 lbs., \$2.25

Nest Egg Gourd Seed..... Per pkg., 5c.; per ounce, 25c.

Mica Crystal Grit..... Price, 5 lbs. of any size, 15c.; 10 lbs., 25c.; 100 lbs. of any size, \$1.25. Discount to jobbers; write for prices.

Roup Pills (48 pills in a box)..... 25c., postpaid.

Prepared Charcoal..... Fine, per lb., 15c.; 5 lbs., 60c.; coarse, 2 lbs., 25c.; 5 lbs., 50c. Special prices on large quantities.

Lambert's Death to Lice..... 15-oz. box, 25c.; 40-oz. box, 50c.; 100-oz. package, \$1.00. If sent by mail 1c. per ounce must be added.

Lake's Lice Exterminator..... Per pt., 35c.; per qt., 50c.; per ½-gall., 75c.; per gall., \$1.00

Copper Leg Bands..... Price, 12 for 20c.; 50 for 50c.; 100 for 80c.; 500 for \$3.75

MISCELLANEOUS.

Raffia, for tying.....	Per lb., 25c.; 5 lbs., \$1.00
Lang's Hand Weeder.....	Price, postpaid, 30c. each.
Scollay's Plant Sprinklers.....	Postpaid, \$1.10
Scollay's Improved Putty Bulb.....	Postpaid, \$1.10
Grafting Wax.....	per $\frac{1}{4}$ -lb. bar, 15c; $\frac{1}{2}$ -lb. bar, 25c; 1-lb. bar, 40c

Rat Exterminator



This is not a poison, and is specially recommended for places where rats and mice are numerous, as it is not dangerous for cats, dogs or chickens. Is warranted to drive away rats or mice. Put up in 25c., 50c. and \$1.00 packages. If by mail, 5, 10 and 15c. must be added for postage.

Olmsted's Reliable Mole Trap.....	\$1.50; express to be paid by the purchaser.
Lightning Bug Exterminator; kills or drives away everything obnoxious to yourself, animals or crops.....	Price, \$1.00
Fox's Potato Bug Exterminator	Price, \$3.00
Lenox Sprayer (best on the market)	Price, \$3.50
Crescent Force Pump and Sprayer.....	Price, \$1.25
Automatic Spray and Force Pump	Price, \$3.00
DUST CANS, for applying slug shot or other similar powders.....	Price, 20c. each.
Calhoun Broadcast Seed Sower.....	Price, \$2.75
Fiddle Bow Seeder.....	Price, \$1.25 each.
Cyclone Seed Sower.....	Price, \$1.25
Acme Hand Potato Planter.....	Price, \$1.10

“PLANET, JR.” TOOLS FOR 1899.

Space will not permit our showing and describing all of the “Planet Jr.” tools, but we will send a fully illustrated catalogue **free for the asking** to any who desire it. “Planet Jr.” goods are standard machines; the best; yet great improvements have been made for 1899. We direct special attention to the new No. 3, 4 and 5 Sowers, the new No. 11, No. 12 and No. 13 steel arch Double Wheel Hoes, and the No. 15, No. 16, No. 17 and No. 18 Single Wheel Hoes. **You can rely on getting a bottom price from us on any of the “Planet Jr.” goods.**

The “PLANET, JR.” No. 2 Seed Drill.

This tool is known the world over, and with the exception of the “Planet, Jr.” Hill Dropping Drills, is the most perfect drill known. It holds two and one-half quarts.

The drill sows in an even, regular stream, whether there is much or little in the hopper. The opening plow, being directly between the wheels, follows all irregularities of the ground, is adjustable, and once set opens the furrow at a uniform depth, and the seeds are deposited in a very narrow line. The machine is extremely simple; no agitators, belts or gearing. Price, \$6.50.

“PLANET, JR.” No. 4 Combined Hill Dropping Seeder, Single Wheel Hoe, Cultivator, Rake and Plow.

This is exactly the same style of seeder as the No. 5 “Planet Jr.” Hill Dropper. It is smaller in capacity, though still of good size, holding two quarts. It drops in hills at 4, 6, 8, 12 and 24 inches apart, and in drills any thickness, handling the smallest paper of seed perfectly, and is simple, durable and very light running. **Throws out of gear instantly by simply raising the handles.** The index is accurate, plain and easily set. The Drill is detached and the tool frame substituted by moving but one bolt. It then becomes one of the most admirable Single Wheel Hoes of the “Planet Jr.” family. It has a fine garden plow, two new-style hoes, perfected shape, three delightful cultivating rakes, new form, and made especially to fit 6, 9, 12, 14 and 16-inch rows, three cultivator teeth and a practical leaf guard. Price, complete, \$10.00; as a Drill only, \$7.00.

“PLANET JR.” No. 11 Double Wheel Hoe, Cultivator, Rake and Plow

This tool, first offered for '98, combines in itself the good points of its predecessors with valuable new ideas. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and being attached to the arch, are entirely undisturbed in making changes of the height of frame, width of wheels or in the adjustment of the tools themselves. The arch is of stiff steel, unusually high. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from the standards. A pair of model rakes and a pair of new style hoes are added to the usual equipment—seven pairs of tools in all. The whole set shown in the cut goes with the complete tool. All the blades are of tempered and polished steel. The variety of work possible with this machine is incredible, covering the whole range of wheel hoe work, both in the garden and on the farm, and has our unqualified endorsement. Price, \$8.00.

“PLANET JR.” No. 15

Single Wheel Hoe,
Cultivator, Rake
and Plow.

Price, \$6.00



the other side of the frame, when both sides of the row can be hoed at one passage.

This latest and best Single Wheel Hoe, improved for 1899, has an 11-inch wheel, with broad face, and a conveniently arranged and a very full set of tools, several of them being of new, special design, such as have been found to perform Wheel Hoe work in the very best manner. It is very light and strong and easy running; has three more tools than the old Planet Jr., and does a much greater variety of work and does it better. Has adjustable handles and frame, especially adapted for quick changing of teeth. It is a most perfect Wheel Hoe for market gardeners or private places. The tools are a well-shaped plow for plowing, marking out, covering and late cultivation; a pair of neat 4-inch shield hoes, just right for hoeing in rows from 9 to 12 inches, and a large pair for wider work, and three cultivator teeth. Also a set of three rakes, just right for 6, 9, 12 and up to 16-inch rows, with two arranged side by side; the rakes are just the thing for preparing ground for the Seed Drill. A practical leaf guard completes the equipment.

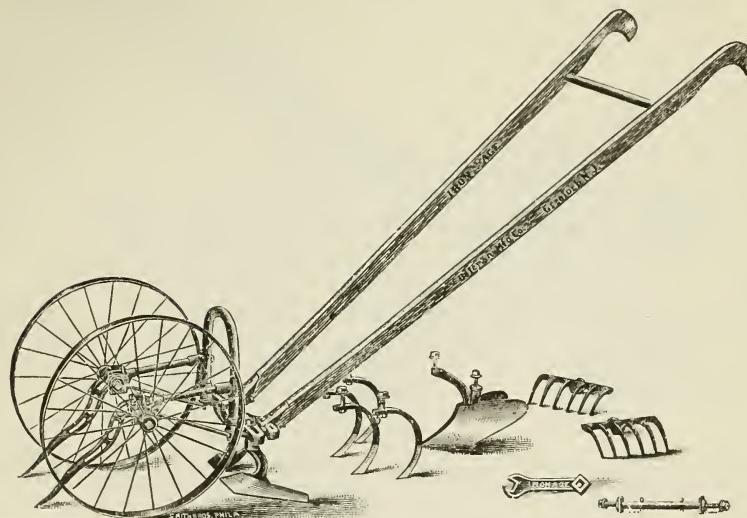
The frame changes in height, and the wheel to

“PLANET JR.” Harrow and Cultivator.

This comparatively new tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It is carefully made and finished, has a high frame and the chisel-shaped teeth cut an inch wide each, and may be worn down three inches before that width is lessened or the teeth worn out; even then they are cheaply replaced. It may be set with teeth trailing, by simply changing one bolt in each tooth. The foot lever pulverizer is a capital addition for preparing ground for the Seed Drill or for plant setting, and controls the depth of the rear teeth. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. For cutting strawberry runners we make a special attachment, consisting of a 10-inch flat steel disc mounted on an outrigger. Strawberry Runner Cutter Attachment extra. Price, plain, \$5.40; with Wheel, \$6.65; Complete, \$8.00.

Send for Extra Catalogue Free.

The "IRON AGE" Wheel Hoes and Seed Drills

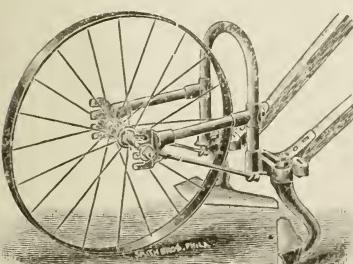


The "Iron Age" Double Wheel Hoe, with Cultivator Teeth, Plows and Rakes.

Packed Weight, 40 lbs. Price, \$6.00.

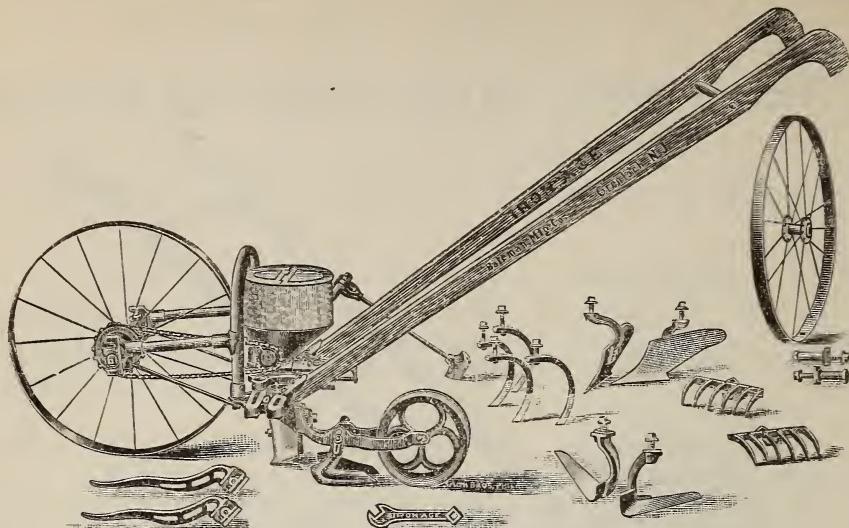
Among the principal labor saving tools in the hands of the market gardener must be considered *Wheel Hoes*. Nay, we may insist that it leads all others, for they are really indispensable, and without their aid it would be an almost impossible task to keep the market supplied with such immense quantities of row-grown vegetables. They have done away with the back-breaking and time-killing methods of the olden time, one man performing in a more thorough manner, and with greater ease to himself, the labor of several men. As with all other improved methods of labor, it requires a little practice to enable one to realize the best results with a wheel hoe. A novice will usually push steadily ahead; not so—give the tool a *thrust* ahead, watching the wheel rather than the hoe, and taking a step at each thrust; this brings a result which the term *wheel hoe* implies; an ordinary hand hoe would accomplish little if simply dragged through the ground.

Having shown what is expected of a wheel hoe, we desire to bring to the notice of the reader the "**Iron Age**" **Wheel Hoe**. Without disparaging the many excellent tools of



Show ing the Double Wheel Hoe set up as a Single Wheel.

this character already in use, we recently became convinced from our own practical tests—we have been making wheel hoes for years—and the expressions coming from the workers in the field, that further improvement was possible and necessary. **Higher Wheels** were called for: the old pattern frames were made of grey iron, and were consequently *too heavy*, to say nothing of their constant breakage. How well we have corrected these points, and still other improvements, we will endeavor to show. We have practically made the tool "bicycle construction."



The "Iron Age" Combined Seed Drill and Wheel Hoe.

Packed Weight, 50 lbs. Price, \$9.00.

In designing our Seed Drill Attachment for the Double Wheel Hoe, we have kept in view simplicity of construction, convenience of adjustment and perfection of work.

The drill attachment is complete in itself, and when put in place requires but two bolts to secure it; the single wheel is then put in position, the chain run on, and the drill is ready for operation. The seed slide and its index adjustment to sow the various seeds is similar to that used on our well known New Model Seed Drill, while the agitator is simply a revolving brush, of selected bristles, which will not injure the seed, wear a long time, and can be cheaply replaced.

In our experience with seed drills we have found that while some round, smooth seed, such as turnip or radish, will *flow* through the discharge opening, and do not, therefore, need any agitator, one is absolutely necessary for some others to insure a continuous or positive feed.

We have seen acres of beets ragged and forlorn, with long skips and spaces, simply by reason of this attempt to sow such seeds without an agitator.

The brush agitator will be found to be peculiarly adapted to feeding out such seeds as beets and tomatoes, in separating the seeds that may be clinging together and acting as a gentle force feed.

The opening plow is adjustable in depth and also reversible, one end being wide for onion seed, and the other narrow for placing the seed in a close, straight line.

The Combined Drill includes all of the attachments shown in the cut above, and we claim that any one buying it possesses at once the most complete and perfect tool possible.

It is a whole tool house of itself. It plows, levels, furrows, sows, covers, rakes, cultivates, hoes and hills, and does each and every operation in the most satisfactory manner.

Send for Extra Catalogue Free.

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Lupinus	32	Perennial Flowers	41, 42	Vinca	37
Lynchnis	32	Perilla	34	Vinca (<i>Periwinkle</i>)	44
Malope	32	Petunias	34	Violet	36
Marigold	32	Phlox	35	Violets (sweet)	36
Marvel of Peru (<i>Four O'Clock</i>)	32	Phlox (Perennial)	41	Viscaria	37
Martinia	32	Poppies	34	Wallflower	42
Matricaria	32	Fortulacca (Moss)	35	Xerantemum	40
		Primula	41	Zinnias	37

MAMMOTH GREEN MOUNTAIN.



Photo shows one of the largest Pumpkins ever grown, weighing 297 pounds when exhibited here on the Merchants' Exchange. Per packet, 10c; oz., 20c; lb., \$2.50.